

# Commissionerate of School Education-Government of Andhra Pradesh

**Notations :**

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

|                           |                                          |
|---------------------------|------------------------------------------|
| Question Paper Name :     | PAPER IIA MS ORIYA 21st Dec 2025 Shift 2 |
| Subject Name :            | PAPER IIA MS ORIYA                       |
| Creation Date :           | 2025-12-21 17:46:14                      |
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| Change Font Color :       | No                                       |
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| Show Progress Bar :       | No                                       |

## PAPER IIA MS ORIYA

|                          |          |
|--------------------------|----------|
| Group Number :           | 1        |
| Group Id :               | 78035986 |
| Group Maximum Duration : | 0        |
| Group Minimum Duration : | 150      |
| Show Attended Group? :   | No       |
| Edit Attended Group? :   | No       |
| Break time :             | 0        |
| Group Marks :            | 150      |

## Child Development and Pedagogy

|                                       |           |
|---------------------------------------|-----------|
| Section Id :                          | 780359590 |
| Section Number :                      | 1         |
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 30        |
| Number of Questions to be attempted : | 30        |
| Section Marks :                       | 30        |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359590 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 1 Question Id : 78035913111 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

“Social development is an ability to adjust effectively with oneself and others,” is defined by

- 1. Wood worth
- 2. Crow & Crow
- 3. Garett
- 4. Sorenson

“ନିଜେ ନିଜେ ଅନ୍ୟମାନଙ୍କ ସହ ପ୍ରଭାବଶୀଳ ରୂପେ ସମଯୋଜିତ ହୋଇ ପାରିବା କ୍ଷମତା ହିଁ ସାମାଜିକ ବିକାଶ ଅଟେ ।” ଏଭଳି ସଂଜ୍ଞା ପ୍ରଦାନ କରିଥିଲେ

- 1. ଉଡ୍‌ୱର୍ଥ
- 2. କ୍ରୋ ଏବଂ କ୍ରୋ
- 3. ଗାରେଟ୍
- 4. ସୋରେନ୍‌ସନ୍

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 2 Question Id : 78035913112 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

If a child with poor mental development also lags in social and moral development, it indicates this principle of development

- 1. Development proceeds in a definite direction.
- 2. Different types of development are interrelated.
- 3. Development can be predicted.
- 4. Development is a continuous process.

‘ମାନସିକ ଅନଗ୍ରସର ଶିଶୁଟି ଉଭୟ ସାମାଜିକ ଓ ନୈତିକ ବିକାଶରେ ମଧ୍ୟ ପଛୁଆ ହୋଇ ରହିଥାଏ ।’ ନିମ୍ନରୁ କେଉଁ ବିକାଶ ନିୟମଟି ଏହାକୁ ସୂଚାଏ ?

- 1. ବିକାଶ ନିର୍ଦ୍ଦିଷ୍ଟ ଦିଗରେ ଘଟିଥାଏ
- 2. ବିଭିନ୍ନ ପ୍ରକାରର ବିକାଶ ପରସ୍ପର ସହ ଜଡ଼ିତ
- 3. ବିକାଶକୁ ପୂର୍ବାନୁମାନ କରାଯାଇପାରେ
- 4. ବିକାଶ ଏକ ନିରବଚ୍ଛିନ୍ନ ପ୍ରକ୍ରିୟା

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 3 Question Id : 78035913113 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The stage in which children learn activities such as cycling swimming and jumping is

- 1. Early adulthood
- 2. Early childhood
- 3. Adolescence
- 4. Late childhood

ଏହି ଅବସ୍ଥାରେ ଶିଶୁଟି ସାଇକେଲ୍ ଚଳାଇବା, ପହଁରିବା ଓ ଲମ୍ପ ଦେବା ଆଦି କ୍ରିୟାକଳାପ ଶିଖୁଥାଏ

- 1. ପ୍ରାକ୍ କିଶୋରାବସ୍ଥା
- 2. ପ୍ରାକ୍ ବାଲ୍ୟାବସ୍ଥା
- 3. କିଶୋରାବସ୍ଥା
- 4. ଉତ୍ତର ବାଲ୍ୟାବସ୍ଥା

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 4 Question Id : 78035913114 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

A child wants to play cricket but is afraid of getting hit by the ball. This type of conflict is

- 1. Approach - Approach
- 2. Double approach - Avoidance
- 3. Avoidance - Avoidance
- 4. Approach - Avoidance

ଶିଶୁଟିଏ କ୍ରିକେଟ୍ ଖେଳିବାକୁ ଉଲ୍ଲାସ କିନ୍ତୁ ଖେଳିଲେ ବଲ୍‌ଦ୍ୱାରା ଆଘାତ ହୋଇପାରେ ଭାବି ଭୟ କରୁଛି । ଏହି ପ୍ରକାର ମାନସିକ ଦ୍ୱନ୍ଦ୍ୱଟି

- 1. ଉପାଗମ – ଉପାଗମ
- 2. ଦ୍ୱି-ଉପାଗମ - ପରିହାର
- 3. ପରିହାର – ପରିହାର
- 4. ଉପାଗମ - ପରିହାର

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 5 Question Id : 78035913115 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

A very hungry person is asked if he wants to eat, but out of shyness he says, ‘No, I am not hungry’. This defense mechanism is

- 1. Approach
- 2. Reaction formation
- 3. Regression
- 4. Sublimation

ତୀବ୍ର କ୍ଷୁଧାତୁର ବ୍ୟକ୍ତିକୁ ଯଦି ଖାଦ୍ୟ ପାଇଁ ପଚରାଯାଏ, ଲଜ୍ଜା ବଶତଃ ସେ ମନା କରିଦିଏ । ଏ ପ୍ରକାର ସୁରକ୍ଷାତନ୍ତ୍ରଟି

- 1. ଉପାଗମ
- 2. ପ୍ରତିକ୍ରିୟା ଗଠନ
- 3. ପ୍ରତ୍ୟାବୃତ୍ତି
- 4. ରୂପାନ୍ତରୀକରଣ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 6 Question Id : 78035913116 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

According to Erickson theory of Psycho Social Development  
'Trust-Mistrust' is seen in

- 1. Infancy
- 2. Young adulthood
- 3. Middle adulthood
- 4. Play age

ଏରିକ୍ସନ୍‌ଙ୍କ ମନୋସାମାଜିକ ବିକାଶର ଏହି ଅବସ୍ଥାରେ  
'ବିଶ୍ୱାସ - ଅବିଶ୍ୱାସ' ଲକ୍ଷଣ ପରିପ୍ରକାଶ ହୋଇଥାଏ ।

- 1. ଶିଶୁବ
- 2. ପ୍ରାକ୍ ଯୁବାବସ୍ଥା
- 3. ମଧ୍ୟ ଯୁବବସ୍ଥା
- 4. କ୍ରୀଡ଼ାବସ୍ଥା

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 7 Question Id : 78035913117 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

According to Freud this personality structures operates on moral principles

- 1. Ego
- 2. Super ego
- 3. Id
- 4. Eros

ପ୍ରାୟଦ୍ଦ ଅନୁସାରେ ଏହି ବ୍ୟକ୍ତିତ୍ବ ଗଠନଟି ନୈତିକ ସୂତ୍ର ଉପରେ ନିର୍ଭର କରି ପରିଚାଳିତ ହୋଇଥାଏ

- 1. ଅହଂ
- 2. ପରାହଂ
- 3. ପ୍ରବୃତ୍ତି
- 4. ଏରୋସ୍

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 8 Question Id : 78035913118 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

This type of leadership is useful for construction of knowledge

- 1. Participative leadership
- 2. Permissive leadership
- 3. Directive leadership
- 4. Leisse fair leadership

ଜ୍ଞାନ ଗଠନ ନିମନ୍ତେ ଏ ପ୍ରକାର ନେତୃତ୍ୱ ଉପଯୋଗୀ ଅଟେ

- 1. ଅଂଶଗ୍ରହଣମୂଳକ ନେତୃତ୍ୱ
- 2. ଅନୁମତିପ୍ରଦ ନେତୃତ୍ୱ
- 3. ନିର୍ଦ୍ଦେଶକ ନେତୃତ୍ୱ
- 4. ତଟସ୍ଥ ଭାବପାତ୍ର ନେତୃତ୍ୱ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 9 Question Id : 78035913119 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

According to Piaget, the behavioural patterns that help in adjusting to the environment are called

- 1. Operations
- 2. Schemata
- 3. Synthesis
- 4. Organization

ପିଆଜେଟ୍ ଅନୁସାରେ, ପରିବେଶ ସହ ସମାଯୋଜନ ହେଉଥିବା ଆଚରଣୀୟ ନମୁନାକୁ ଏପରି କୁହାଯାଏ

- 1. ସଂକୀର୍ଣ୍ଣ
- 2. ମନୋଚିତ୍ର
- 3. ସଂଶ୍ଳେଷଣ
- 4. ସଂଗଠନୀକରଣ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 10 Question Id : 78035913120 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

It is important for a teacher to assess students aptitude because-

- 1. Ranking can be given.
- 2. Students' strengths can be understood and guidance can be given.
- 3. It creates competition among the classmates.
- 4. It helps him/her to focus on easy method of teaching.

ଜଣେ ଶିକ୍ଷକ ଶିକ୍ଷାର୍ଥୀଙ୍କ ପ୍ରବୃତ୍ତିକୁ ମାପନ କରିବା ଅତି ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ।  
କାରଣ-

- 1. ପାଠ୍ୟ୍ୟ ଧାର୍ଯ୍ୟ କରିବାପାଇଁ
- 2. ଶିକ୍ଷାର୍ଥୀଙ୍କ ସାମର୍ଥ୍ୟକୁ ଅବଗତ ହୋଇ ଉପଦେଶନ ଦେବାପାଇଁ
- 3. ସହପାଠୀଙ୍କ ମଧ୍ୟରେ ପ୍ରତିଯୋଗିତା ସୃଷ୍ଟି କରିବା ପାଇଁ
- 4. ଏହା ଶିକ୍ଷକ/ଶିକ୍ଷିକାଙ୍କୁ ସରଳ ପାଠଦାନ ପଦ୍ଧତି ପ୍ରତି ଦୃଷ୍ଟି ଦେବାରେ ସହାୟକ ହେବାପାଇଁ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 11 Question Id : 78035913121 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

“In an education system, how to acquire knowledge is more important than what to teach to a student”. This is the opinion of

- 1. Thompson
- 2. Holeck
- 3. Boud
- 4. Dickinson, Gardner, Miller

“ଏକ ଶିକ୍ଷା ବ୍ୟବସ୍ଥାରେ, ଶିକ୍ଷାର୍ଥୀକୁ କ’ଣ ଶିକ୍ଷାଦାନ କରାଯିବ; ଅପେକ୍ଷା ଜ୍ଞାନ ଆହରଣ କିପରି କରାଯାଇପାରେ ଶିଖାଇବା ହିଁ ଅତି ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ” - ଏହି ମତ ପ୍ରକାଶ କରିଥିଲେ

- 1. ଥମ୍ପସନ୍
- 2. ହୋଲେକ୍
- 3. ବାଉଡ୍
- 4. ଡିକିନ୍ସନ୍, ଗାର୍ଡନର୍, ମିଲ୍ଲେର୍

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 12 Question Id : 78035913122 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

“High expectations lead to better performance,” it is called

- 1. Zeigarnik effect
- 2. Placebo effect
- 3. Pygmalion effect
- 4. Hawthorne effect

“ଉଚ୍ଚାକାଂକ୍ଷା ଉତ୍ତମ କୃତିତ୍ୱ ପ୍ରଦର୍ଶନ ପାଇଁ ପ୍ରରୋଚିତ କରିଥାଏ,” - ଏହାକୁ ଏପରି କୁହାଯାଏ

- 1. ଜାଇଗର୍ନିକ୍ ପ୍ରଭାବ
- 2. ପ୍ଲାସିବୋ ପ୍ରଭାବ
- 3. ପିଗ୍ମାଲିୟନ୍ ଫଳାଫଳ
- 4. ହାଥୋର୍ଣ୍ଣ ଫଳାଫଳ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 13 Question Id : 78035913123 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

According to Vygotsky, this is not a lower order mental function

- 1. Social issuing
- 2. Comparing
- 3. Knowing
- 4. Identifying

ଭାଇଗୋସ୍କିଙ୍କ ମତରେ ଏହା ନିମ୍ନସ୍ତରୀୟ ମାନସିକ କାର୍ଯ୍ୟ ନୁହେଁ

- 1. ସାମାଜିକ ସମସ୍ୟା
- 2. ତୁଳନା କରିବା
- 3. ଜିଜ୍ଞାସା
- 4. ଚିହ୍ନଟୀକରଣ

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 14 Question Id : 78035913124 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

One of the following methods is not a stage for the preparation and development of Electronic Teaching Portfolio

- 1. Planning
- 2. Collection
- 3. Selection
- 4. Reinforcement

ଇଲେକ୍ଟ୍ରୋନିକ୍ ଶିକ୍ଷାଦାନ ପୋର୍ଟଫୋଲିଓ ପ୍ରସ୍ତୁତି ଓ ବିକାଶ ସ୍ତରରେ ଏହି ପର୍ଯ୍ୟାୟ ଅନ୍ତର୍ଭୁକ୍ତ ନୁହେଁ

- 1. ଯୋଜନା ପ୍ରସ୍ତୁତି
- 2. ସଂଗ୍ରହ କରିବା
- 3. ଚୟନ କରିବା
- 4. ପୁନର୍ବଳନ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 15 Question Id : 78035913125 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Research on ‘Praise and Blame in classroom motivation’ was done by

- 1. Thorndike
- 2. Elizabeth Hurlock
- 3. Seawell
- 4. Bruner

‘ଶ୍ରେଣୀଗୃହ ଅଭିପ୍ରେରଣରେ ପ୍ରଶଂସା-ନିନ୍ଦା’କୁ ଭିତ୍ତି କରି ଗବେଷଣା କରାଯାଇଛି

- 1. ଅର୍ଣ୍ଣଷ୍ଟାଲ୍
- 2. ଏଲିଜାବେଥ୍ ହରଲକ୍
- 3. ସିଝେଲ୍
- 4. ବ୍ରୁନର୍

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 16 Question Id : 78035913126 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

In Maslow’s Theory of Hierarchy of Needs, lower order needs are

- 1. Physiological needs, Recognition needs
- 2. Safety needs, Physiological needs
- 3. Safety needs, Love and belonging needs
- 4. Esteem needs, Physiological needs

ମାସ୍କଲୋଙ୍କ ଆବଶ୍ୟକତା ସୋପାନ କ୍ରମ ତତ୍ତ୍ୱରେ ଥିବା ନିମ୍ନସ୍ତରୀୟ ଆବଶ୍ୟକତାଗୁଡ଼ିକ

- 1. ଶାରୀରିକ ଆବଶ୍ୟକତା, ପରିଚୟକରଣ ଆବଶ୍ୟକତା
- 2. ସୁରକ୍ଷା ଆବଶ୍ୟକତା, ଶାରୀରିକ ଆବଶ୍ୟକତା
- 3. ସୁରକ୍ଷା ଆବଶ୍ୟକତା, ସ୍ନେହ ଓ ନିଜସ୍ୱୀକରଣ ଆବଶ୍ୟକତା
- 4. ମାନ୍ୟତା ଆବଶ୍ୟକତା, ଶାରୀରିକ ଆବଶ୍ୟକତା

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 17 Question Id : 78035913127 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

This is Not a measure of variability

- 1. Range
- 2. Mean
- 3. Quartile deviation
- 4. Average deviation

ଏହା ଏକ ପରିବର୍ତ୍ତନଶୀଳ ମାପନ ନୁହେଁ

- 1. ବିସ୍ତୃତି
- 2. ମାଧ୍ୟମାନ
- 3. ଚତୁର୍ଥାଂଶକ ବିଚ୍ୟୁତି
- 4. ହାରାହାରି ବିଚ୍ୟୁତି

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 18 Question Id : 78035913128 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Variance (V) =

ପ୍ରସରଣତା (V) =

- 1.  $\sqrt{\frac{\sum d^2}{N}}$
- 2.  $\frac{Q_3 - Q_1}{2}$
- 3.  $\frac{\sum (x - n)}{N}$
- 4.  $\sigma^2$  (Standard Deviation)<sup>2</sup>

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 19 Question Id : 78035913129 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Acquired responses is / are

- 1. Traits
- 2. Salvation to the smell of food
- 3. Sensations
- 4. Fight or flight actions

ଅର୍ଜିତ ପ୍ରତିକ୍ରିୟାଟି/ଗୁଡ଼ିକ

- 1. ଗୁଣାବଳୀ
- 2. ଖାଦ୍ୟ ଦେଖିଲାକ୍ଷଣି ଲାଳ ଗଡ଼ିବା
- 3. ସମ୍ବେଦନାଗୁଡ଼ିକ
- 4. ଯୁଦ୍ଧ କିମ୍ବା ପଳାୟନ କ୍ରିୟା

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 20 Question Id : 78035913130 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Match the following and identify the correct answer

| I                    | II                                             |
|----------------------|------------------------------------------------|
| i) Hathaway, Mckenly | a) Bell Adjustment Inventory                   |
| ii) Thurston         | b) Minnasota Multiphasic Personality Inventory |
| iii) Rorschac        | c) Equally Appearing Interval Scale            |
| iv) Dr.R.K.Ojha      | d) Ink Blot Test                               |

ଯୋଡ଼ିଲା ପରେ ଠିକ୍ ଉତ୍ତର ଚୟନ କର ।

| I                  | II                                               |
|--------------------|--------------------------------------------------|
| i) ହାଥୱେ, ମେକେନ୍ଲୀ | a) ବେଲ୍ ଆଡ଼ଜଷ୍ଟମେଣ୍ଟ୍ ଇନ୍ଡେକ୍ସରୀ                 |
| ii) ଥର୍ସଟନ୍        | b) ମିନେସୋଟା ମଲ୍ଟିଫେଜିକ୍ ପର୍ସୋନାଲିଟି ଇନ୍ଡେକ୍ସଟୋରୀ |
| iii) ରୋସ୍ଚାକ୍      | c) ଇକ୍ୱାଲି ଏପିୟରିଂ ଇଣ୍ଟରଭେଲ୍ ସ୍କେଲ୍              |
| iv) ଡ. R.K. ଓଝା    | d) ଇଙ୍କ୍ ବ୍ଲଟ୍ ଟେଷ୍ଟ୍                            |

|    |       |        |         |        |
|----|-------|--------|---------|--------|
| 1. | i - a | ii - d | iii - b | iv - c |
| 2. | i - c | ii - a | iii - d | iv - b |
| 3. | i - d | ii - c | iii - a | iv - b |
| 4. | i - b | ii - c | iii - d | iv - a |

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 21 Question Id : 78035913131 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Kinesthetic teaching methods were developed by

- 1. Neil Fleming - 1990
- 2. Eon. Brochar - 1980
- 3. Norman Criger - 1970
- 4. Neil Caliar - 1995

ଗତି ସମ୍ବେଦୀ ଶିକ୍ଷାଦାନ ପଦ୍ଧତିକୁ ବିକଶିତ କରିଥିଲେ

- 1. ନୀଲ୍ ଫ୍ଲେମିଙ୍ଗ୍ - 1990
- 2. ଇୟାନ୍ ବ୍ରୋଚାର୍ - 1980
- 3. ନର୍ମାନ୍ କ୍ରିଗର୍ - 1970
- 4. ନୀଲ୍ କାଲିୟାର୍ - 1995

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 22 Question Id : 78035913132 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Correct Statements regarding Flander’s Interaction Analysis  
Category System

- a) N.A. Flander developed this method.
- b) This is not an evaluation method.
- c) Observation are recorded for every 6 seconds.
- d) Totally it has 8 categories.

ଫ୍ଲାଣ୍ଡର୍ସ ପାରସ୍ପରିକ ପ୍ରତିକ୍ରିୟା ବିଶ୍ଳେଷଣ ସହ ଜଡ଼ିତ ସଠିକ ଉକ୍ତିଟି

- a) N.A. ଫ୍ଲାଣ୍ଡର୍ ଏହାକୁ ବିକଶିତ କରିଥିଲେ
- b) ଏହା ଏକ ମୂଲ୍ୟାଙ୍କନ ପଦ୍ଧତି ନୁହେଁ
- c) ପ୍ରତି 6 ସେକେଣ୍ଡରେ ପର୍ଯ୍ୟବେକ୍ଷଣକୁ ଲିପିବଦ୍ଧ କରାଯାଏ
- d) ସର୍ବମୋଟ 8 ଟି ସଂବର୍ଗ ରହିଥାଏ

- 1. a, d
- 2. a, b
- 3. a, b, c
- 4. a, b, c, d

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 23 Question Id : 78035913133 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the correct statement from the following

- a) 'Four revolution in Education' was delineated by Erich Ashby.
  - b) Today's information is for everyone' is principle of NCERT.
1. a, b correct
  2. a - correct, b - in correct
  3. a - incorrect, b - correct
  4. a, b, incorrect

ନିମ୍ନରୁ ସଠିକ୍ ଉକ୍ତି ଚୟନ କର ।

- a) "ଶିକ୍ଷାର ଚତୁଃ ବିପ୍ଳବ"କୁ ଏରିକ୍ ଆସ୍ବୀ ବର୍ଣ୍ଣନା କରିଥିଲେ ।
  - b) "ଆଜିକାର ସୂଚନା ସମସ୍ତଙ୍କ ନିମିତ୍ତ" ଏହା NCERT ର ନୀତି
1. a, b ଠିକ୍
  2. a ଠିକ୍ b ଠିକ୍ ନୁହେଁ
  3. a ଠିକ୍ ନୁହେଁ b ଠିକ୍
  4. a, b ଠିକ୍ ନୁହେଁ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 24 Question Id : 78035913134 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

This is not an objective of Educational technology as proposed by Hillard Jasan

- 1. Dissemination of information.
- 2. Collaboration in achieving specific expertise.
- 3. Helps creating space for feedback.
- 4. Facilitating more opportunities for self-learning.

ହିଲାର୍ଡ୍ ଜାସେନ୍ ଜ୍ଞ ପ୍ରତିପାଦିତ ପ୍ରଯୁକ୍ତି ବିଦ୍ୟାରେ ଏହି ଉଦ୍ଦେଶ୍ୟକୁ ଜ୍ଞାପନ କରିନଥିଲେ

- 1. ସୂଚନା ପ୍ରସାର କରିବା
- 2. ନିର୍ଦ୍ଦିଷ୍ଟ କୌଶଳ ସାଧନରେ ସହଯୋଗ କରିବା
- 3. ପ୍ରତିପୃଷ୍ଠି ପାଇଁ ଜ୍ଞାନ ସୃଷ୍ଟି କରିବାରେ ସାହାଯ୍ୟ କରିଥାଏ
- 4. ସ୍ୱୀୟ ଶିକ୍ଷଣ ନିମିତ୍ତ ଅଧିକରୁ ଅଧିକ ସୁଯୋଗ ପ୍ରଦାନ କରିବା

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 25 Question Id : 78035913135 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Odd one related to communication

- 1. Upward communication
- 2. Horizontal communication
- 3. Downward communication
- 4. Credibility communication

ଯୋଗାଯୋଗ ସହ ଜଡ଼ିତ ଭିନ୍ନ ଜାତୀୟତା

- 1. ଉର୍ଦ୍ଧ୍ୱମୁଖୀ ଯୋଗାଯୋଗ
- 2. ଅନୁପ୍ରସ୍ଥାପନ ଯୋଗାଯୋଗ
- 3. ନିମ୍ନମୁଖୀ ଯୋଗାଯୋଗ
- 4. ସମ୍ଭାବ୍ୟ ଯୋଗାଯୋଗ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 26 Question Id : 78035913136 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The information is disseminated from one person to another, or from one to two, two to three, three to four and so on. This is seen in

- 1. Cluster chain communication
- 2. Sequential communication
- 3. Star communication
- 4. Credibility communication

ପ୍ରଥମ ବ୍ୟକ୍ତିଙ୍କ ଠାରୁ ଦ୍ୱିତୀୟ ବ୍ୟକ୍ତି, ଦ୍ୱିତୀୟରୁ ତୃତୀୟ ଏପରି ସୂଚନା ପ୍ରସାର କରାଯାଉଥିବା ପଦ୍ଧତି ଏଥିରେ ପରିଦୃଷ୍ଟ ହୋଇଥାଏ

- 1. କ୍ଲଷ୍ଟର୍ ଚେଇନ୍ ଯୋଗାଯୋଗ
- 2. ଆନୁକ୍ରମିକ ଯୋଗାଯୋଗ
- 3. ନକ୍ଷତ୍ରାକୃତି ଯୋଗାଯୋଗ
- 4. ସମ୍ଭାବ୍ୟ ଯୋଗାଯୋଗ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 27 Question Id : 78035913137 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

According to Hallar, in four categories of information transfer decoding process takes place here

- 1. Sender
- 2. Message
- 3. Medium
- 4. Receiver

ହାଲାର୍ଙ୍କ ମତରେ ସୂଚନା ପ୍ରସାରଣର ଚାରୋଟି ମୌଳିକ ଅଂଶଗୁଡ଼ିକରେ  
ଡି - କୋଡ଼ିଙ୍ଗ୍ ଏଠାରେ ଘଟିଥାଏ

- 1. ପ୍ରେରକ
- 2. ସନ୍ଦେଶ
- 3. ମାଧ୍ୟମ
- 4. ଗ୍ରହୀତା

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 28 Question Id : 78035913138 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Match the following aspects related to communication

- i) Edgar Dale

a) Method of conveying emotion which blend commonly with others
- ii) Berlon

b) It is the process of communicating information
- iii) John Dewy

c) It is sharing emotion with one another

ସୂଚନା ପ୍ରସାରଣ ସହ ସମ୍ପର୍କିତ ଅଂଶଗୁଡ଼ିକୁ ଯୋଡ଼

- i) ଏଡ୍ଗାର୍ ଡେଲ୍

a) ସାଧାରଣତଃ ପରସ୍ପର ଆଦାନପ୍ରଦାନ ଘଟିଲା ପର୍ଯ୍ୟନ୍ତ ହେଉଥିବା ଆବେଗ ବଣ୍ଟନ ପ୍ରକ୍ରିୟା ହିଁ ସୂଚନା ପ୍ରସାରଣ ଅଟେ
- ii) ବେର୍ଲୋନ୍

b) ସୂଚନାକୁ ପରସ୍ପର ବିନିମୟ କରିପାରୁ ଥିବା ପ୍ରକ୍ରିୟା ହିଁ ସୂଚନା ପ୍ରସାର
- iii) ଜନ୍ ଡ୍ୟୁଇ

c) ଜଣକ ସହ ଅନ୍ୟଜଣେ ଭାବ ଆଦାନ ପ୍ରଦାନ କରିପାରୁଥିବା ପ୍ରକ୍ରିୟା ହିଁ ସୂଚନା ପ୍ରସାର

1. i – a ii – b iii - c

2. i – b ii – a iii - c

3. i – c ii – b iii - a

4. i – a ii – c iii – b

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 29 Question Id : 78035913139 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

According to NEP – 2020, pedagogical and curricular restructuring covers in the ages group of

NEP – 2020 ଅନୁଯାୟୀ ଶିକ୍ଷଣାତ୍ମକ ଓ ପାଠ୍ୟକ୍ରମ ପୁନର୍ବ୍ୟବସ୍ଥାକରଣ ଏହି ବୟସ ମଧ୍ୟରେ ସମ୍ପର୍କିତ ହୋଇଥାଏ

- 1. 3 - 15
- 2. 6 - 14
- 3. 4 - 15
- 4. 3 - 18

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 30 Question Id : 78035913140 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

This initiative was launched on the first anniversary of NEP – 2020 to unify the digital infrastructure

ଡିଜିଟାଲ୍ ମୌଳିକ ସୁବିଧାଗୁଡ଼ିକୁ ଏକତ୍ରୀକରଣ କରିବା ନିମନ୍ତେ ଜାତୀୟ ଶିକ୍ଷାନୀତି - (NEP)–2020ର ପ୍ରଥମ ବାର୍ଷିକୋତ୍ସବ ସମ୍ବନ୍ଧରେ ଆରମ୍ଭ କରିଥିବା କାର୍ଯ୍ୟକ୍ରମ ।

- 1. NIPUN
- 2. NDEAR
- 3. NISHTA
- 4. NCFSE

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Language 1(Oriya)

|                                       |           |
|---------------------------------------|-----------|
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 30        |
| Number of Questions to be attempted : | 30        |
| Section Marks :                       | 30        |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359591 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 31 Question Id : 78035913141 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ବିଶ୍ୱର ସର୍ବପ୍ରାଚୀନ ପୁରାଣଗୁଡ଼ିକ ଗୁପ୍ତ ଯୁଗରେ ସଙ୍କଳିତ ହୋଇଥିଲା ।  
ସେଗୁଡ଼ିକ ପୌରାଣିକ କାହାଣୀ ଓ ଉପାଖ୍ୟାନ, କାହ୍ନୁନିକ ଗନ୍ଥ, ଲୋକକଥା  
ବା କିମ୍ବଦନ୍ତୀ ଓ ଧାର୍ମିକ ଉପଦେଶ ଦ୍ୱାରା ପରିପୂର୍ଣ୍ଣ ଥିଲା । ଏଗୁଡ଼ିକ  
ସାଧାରଣ ଲୋକମାନଙ୍କର ଶିକ୍ଷା ଓ ସଦାଚାରର ଉନ୍ନତି ନିମିତ୍ତ ଅଭିପ୍ରେତ  
ଥିଲା ।

– ପୁରାଣଗୁଡ଼ିକ ଏଥିପାଇଁ ସଂକଳିତ କରାଯାଇଥିଲା

1. ଧାର୍ମିକ ଉପଦେଶ ପାଇଁ
2. କାହ୍ନୁନିକ ଗନ୍ଥ ପାଇଁ
3. ଶିକ୍ଷା ଓ ସଦାଚାରର ଉନ୍ନତି ପାଇଁ
4. ଲୋକକଥାର ବିସ୍ତାର ପାଇଁ

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 32 Question Id : 78035913142 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ଓଡ଼ିଶାରେ କେଶରୀ ବଂଶର ରାଜାଙ୍କ ଦ୍ୱାରା ଲିଙ୍ଗରାଜ ମନ୍ଦିର ଓ ଗଙ୍ଗବଂଶ  
ଶାସକମାନଙ୍କ ଦ୍ୱାରା ନିର୍ମିତ ଭୁବନେଶ୍ୱରର ମୁକ୍ତେଶ୍ୱର ଓ ପୁରୀର ଜଗନ୍ନାଥ  
ମନ୍ଦିର ଉଲ୍ଲେଖନୀୟ । ଗଙ୍ଗଶାସକ ନରସିଂହଦେବ ପ୍ରଥମଙ୍କ ଦ୍ୱାରା  
ତ୍ରୟୋଦଶ ଶତାବ୍ଦୀରେ କୋଣାର୍କ ମନ୍ଦିର ନିର୍ମିତ ହୋଇଥିଲା ।

- କୋଣାର୍କ ମନ୍ଦିର ଏହି ଦେବତାଙ୍କ ଉଦ୍ଦେଶ୍ୟରେ ନିର୍ମାଣ କରାଯାଇଛି

- 1. ଦୁର୍ଗା
- 2. ଜଗନ୍ନାଥ
- 3. ମହାଦେବ
- 4. ରବି

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 33 Question Id : 78035913143 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ଆନନ୍ଦେ କ୍ରୀଡ଼ାରଙ୍ଗେ ପୁଟି,  
ତୁଣ୍ଡେ ଭରିଲେ କୃଷ୍ଣ ମାଟି ।  
ରାମ ଧାଇଁଲେ ଦେଖୁ ଖରେ,  
କହିଲେ ଯଶୋଦା ଛାମୁରେ ।

- ଏଠାରେ 'ରାମ' କହିଲେ

- 1. ଶ୍ରୀରାମକୃଷ୍ଣ
- 2. ଶ୍ରୀରାମ
- 3. ପଶୁରାମ
- 4. ବଳରାମ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 34 Question Id : 78035913144 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ମାଗୁଛି ଚିଲିକା, ମେଲାଣି ତୋଠାରେ,  
ବାହୁଡ଼ିବି ଏବେ ଦାରୁଣ ସଂସାରେ;  
କରିଥିଲି ଆଶା କରିବି ଯାପନ;  
ତୋ ପଶ୍ଚିମ ତୀରେ ପଶ୍ଚିମ ଜୀବନ ।  
- ପଦ୍ୟାଂଶଟିରେ 'ପଶ୍ଚିମ ଜୀବନ' ବୋଲି ଏହାକୁ କହିଛନ୍ତି

- 1. ପାଶ୍ଚାତ୍ୟ ଦେଶ
- 2. ପଶ୍ଚିମ ଦେଶର ଜୀବନ
- 3. ଶେଷ ଜୀବନ
- 4. ପଶ୍ଚିମ ପଟର ବାସିନ୍ଦା

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 35 Question Id : 78035913145 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

“ବୃକ୍ଷ ମାହାତ୍ମ୍ୟ” କବିତାର କବି  
1. ଅନନ୍ତ ପଟ୍ଟନାୟକ  
2. ବୈଷ୍ଣବ ପାଣି  
3. ଗୋଦାବରୀଶ ମିଶ୍ର  
4. ଜଗନ୍ନାଥ ଦାସ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 36 Question Id : 78035913146 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

“ନରେନ୍ଦ୍ର ବିବେକାନନ୍ଦ” ପ୍ରବନ୍ଧଟି ଏହି ପୁସ୍ତକର ଅଂଶ ବିଶେଷ

- 1. ଅସ୍ତିତ୍ବାଦର ମର୍ମକଥା
- 2. ସଙ୍କ୍ରେଟିସ ଓ ଫ୍ଲୋଟା
- 3. ଛତ୍ରପତି ବିବେକାନନ୍ଦ
- 4. ଗାନ୍ଧୀ ମଣିଷ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 37 Question Id : 78035913147 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ବାଣପୁର ଅନ୍ତର୍ଗତ କୁମାରଙ୍ଗ ଶାସନରେ ଜନ୍ମଗ୍ରହଣ କରିଥିଲେ

- 1. ଭକ୍ତ ଚରଣ ଦାସ
- 2. ଗୋଦାବରୀଶ ମହାପାତ୍ର
- 3. ମଧୁସୂଦନ ରାଓ
- 4. ରାଧାମୋହନ ଗଡ଼ନାୟକ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 38 Question Id : 78035913148 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ଏହି କବିତା ସଂକଳନ ପାଇଁ ରାଧାନୋହନ ଗଡ଼ନାୟକ କେନ୍ଦ୍ର ସାହିତ୍ୟ  
ଏକାଡେମୀ ପୁରସ୍କାର ଲାଭ କରିଛନ୍ତି

- 1. ସୂର୍ଯ୍ୟ ଓ ଅନ୍ଧକାର
- 2. ଶାମୁକାର ସ୍ବପ୍ନ
- 3. କୈଶୋରିକା
- 4. ପଶୁପକ୍ଷୀର କାବ୍ୟ

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 39 Question Id : 78035913149 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ଜାତୀୟ ସଂଗ୍ରାମର ଆଦ୍ୟ ପର୍ଯ୍ୟାୟରେ ତ୍ୟାଗ ଓ ତିତିକ୍ଷାର ପ୍ରତୀକାତ୍ମକ ରୂପ  
ସଂଗ୍ରାମୀ ମଣିଷର ଜୀବନ କାହାଣୀ ହିଁ ଏହି ଏକାଙ୍କିକାର ଭିତ୍ତିଭୂମି

- 1. ଦୂର ପାହାଡ଼
- 2. ଦଳ ବେହେରା
- 3. ସୁନା ନେଉଳ
- 4. ଆହୁତି

Options :

- 1. ✗ 1
- 2. ✓ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 40 Question Id : 78035913150 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ଏହି କବିତାରେ ହିଂସା, କ୍ରୋଧ, ଅସହିଷ୍ଣୁତା ଉପରେ ସଦ୍‌ଭାବ, ପ୍ରେମ ଓ  
କ୍ଷମାର ବିଜୟ ଘୋଷଣା କରାଯାଇଛି

- 1. ଉଦ୍‌ବୋଧନ
- 2. ବଶିଷ୍ଠ ଓ ବିଶ୍ୱାମିତ୍ର
- 3. ଜାତୀୟ ପତାକା
- 4. ବୃକ୍ଷ ମାହାତ୍ମ୍ୟ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 41 Question Id : 78035913151 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

'ପଲ୍ଲବ' ଏକ

- 1. ଗନ୍ଧ
- 2. ନାଟକ
- 3. ଉପନ୍ୟାସ
- 4. ଏକାଙ୍କିକା

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 42 Question Id : 78035913152 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘ସ୍ବାଧୀନତା ମଣିଷର ଜନ୍ମଗତ ଅଧିକାର’ – ବାବୁଟି ଏହି ଗଳ୍ପରେ ଦିଆଯାଇଛି

- 1. ପତାକା ଉତ୍ତୋଳନ
- 2. ବୁଢ଼ା ଶଙ୍ଖାରି
- 3. ଲକ୍ଷ୍ମୀର ଅଭିସାର
- 4. ଦଶହରା ଭେଟି

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 43 Question Id : 78035913153 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘ତାମରସ’ ଶବ୍ଦଟିର ଅର୍ଥ

- 1. କେତକୀ
- 2. ଚମ୍ପା
- 3. ପଦ୍ମ
- 4. ମାଳତୀ

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✓ 3
- 4. ✗ 4

Question Number : 44 Question Id : 78035913154 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘ତରଙ୍ଗ’ ଶବ୍ଦଟିର ପ୍ରତିଶବ୍ଦ

- 1. ନଦୀ
- 2. ଢେଉ
- 3. ହ୍ରଦ
- 4. ସାଗର

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 45 Question Id : 78035913155 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘ଅଂଶ’ – ‘ଅଂସ’ – ଏହି ସମୋଚ୍ଚାରିତ ଶବ୍ଦ ଦୁଇଟିର ଅର୍ଥ ଯଥାକ୍ରମେ

- 1. ଭାଗ, ନାକ
- 2. ଭାଗ, ବାହୁ
- 3. ଭାଗ, ମଥା
- 4. ଭାଗ, ଝର

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 46 Question Id : 78035913156 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘ଘନ’ ଶବ୍ଦଟିର ଭିନ୍ନାର୍ଥ

- 1.      ମେଘ, ବହଳ
- 2.      ମେଘ, ପତଳା
- 3.      ମେଘ, ଉଚ୍ଚା
- 4.      ମେଘ, ଲମ୍ବା

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 47 Question Id : 78035913157 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘ଅଭାଗା’ ଶବ୍ଦଟିର ବିପରୀତାର୍ଥ

- 1.      ଭାଗ୍ୟବାନ୍
- 2.      ଭାଗ୍ୟବତୀ
- 3.      ଭାଗ୍ୟହୀନ
- 4.      ଭାଗ୍ୟମୟ

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 48 Question Id : 78035913158 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ନିମ୍ନରୁ ଶୁଦ୍ଧ ଶବ୍ଦଟି ବାଛି

- 1. ଶପ1ଭୂପଣ
- 2. ସଶିଭୂପଣ
- 3. ଶଶ1ଭୂପଣ
- 4. ଶଶିଭୂପଣ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 49 Question Id : 78035913159 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ନିମ୍ନରୁ ଦେଶଜ ଶବ୍ଦଟି

- 1. ଘରଣ1
- 2. କରୁଣା
- 3. ତୋରାଣି
- 4. ଭଉଣ1

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 50 Question Id : 78035913160 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘ପିଲା’ ଶବ୍ଦଟି ଏହି ଶବ୍ଦ ଭଣ୍ଡାର ଶ୍ରେଣୀର

- 1. ତୁଳ୍କ
- 2. ଆରବୀ
- 3. ପାର୍ସୀ
- 4. ଦ୍ରାବିଡ଼

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 51 Question Id : 78035913161 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ଯେଉଁପଦ ବାକ୍ୟରେ ଅନ୍ୟ ଏକ ବା ଏକାଧିକ ନାମବାଚକ ପଦ, ବାକ୍ୟ,  
ଖଣ୍ଡବାକ୍ୟ ବିକଳରେ ବ୍ୟବହୃତ ହୁଏ, ତାହାକୁ ଏହା କୁହାଯାଏ

- 1. ସର୍ବନାମ
- 2. ବିଶେଷ୍ୟ
- 3. ବିଶେଷଣ
- 4. ଅବ୍ୟୟ

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 52 Question Id : 78035913162 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ତୁମେ ବେତୁଲିଏ ଉଖୁଡ଼ା ଆଣିବ ।  
ବାକ୍ୟଟିରୁ ବିଶେଷଣ ପଦଟି

- 1. ଆଣିବ
- 2. ତୁମେ
- 3. ଉଖୁଡ଼ା
- 4. ବେତୁଲିଏ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 53 Question Id : 78035913163 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ଦିକ୍ + ବଳୟ – ଏହାର ସଠିକ୍ ସନ୍ଧି ପଦଟି

- 1. ଦିକ୍ବଳୟ
- 2. ଦିକ୍ବଳୟ
- 3. ଦିର୍ବଳୟ
- 4. ଦିର୍ବଳୟ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 54 Question Id : 78035913164 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

'ମହେଶ୍ୱର'- ଏହାକୁ ସନ୍ଧିବିଚ୍ଛେଦ କଲେ

- 1. ମହା + ଈଶ୍ୱର
- 2. ମହୀ + ଈଶ୍ୱର
- 3. ମହେ + ଈଶ୍ୱର
- 4. ମହାନ୍ + ଈଶ୍ୱର

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 55 Question Id : 78035913165 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

'ଦଶାନନ'- ଏହି ପଦଟିରେ ଥିବା ସମାସ

- 1. ଦ୍ୱିଗୁ
- 2. ବହୁବ୍ରୀହି
- 3. କର୍ମଧାରୟ
- 4. ତତ୍ପୁରୁଷ

Options :

- 1. ✗ 1
- 2. ✓ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 56 Question Id : 78035913166 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

କାଳ ଚ'କ୍ରର' ଆବର୍ତ୍ତନେ'  
ଭୂଞ୍ଜିତି' ସୁଖ' ଦୁଃଖ ଜନେ' ।  
ପଦ୍ୟାଂଶଟିରେ ବ୍ୟବହୃତ ଛନ୍ଦ

- 1. ନଟବାଣୀ
- 2. ଶଙ୍କରାଭରଣ
- 3. ଗୁଞ୍ଜରୀ
- 4. ବଙ୍ଗଳାଗ୍ରୀ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 57 Question Id : 78035913167 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ଦରିଦ୍ରତା – ପଙ୍କପୂର୍ଣ୍ଣ ମୋ ଜୀବନ – ସର  
ଜଞ୍ଜାଳ – ଜଳଦ – ଜଳେ – ଆବିଳ ଉଦର ।  
ପଦ୍ୟାଂଶରେ ବ୍ୟବହୃତ ଅଳଙ୍କାରଟି

- 1. ଯମକ
- 2. ରୂପକ
- 3. ଉତ୍ପ୍ରେକ୍ଷା
- 4. ଶ୍ଳେଷ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 58 Question Id : 78035913168 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ନିମ୍ନରୁ ଜଟିଳ ବାକ୍ୟଟିକୁ ଚିହ୍ନଟ କର

- 1. ପ୍ରବଣ ଜଣେ ଶିଳ୍ପୀ ।
- 2. ଦରକାର ସମୟରେ ଯେ ସାହାଯ୍ୟ କରେ, ତାକୁ ଉପଯୁକ୍ତ ବସ୍ତୁ କୁହାଯାଏ ।
- 3. ମନୋଜ ଶ୍ରେଣୀରେ ବସିଲା, ମାତ୍ର ପଢ଼ିପାରିଲା ନାହିଁ ।
- 4. ଶିକ୍ଷକ ଡାକିଲେ, ମାନସ ଏବଂ ସୁରେଶ ଗୀତ ଗାଇଲେ ।

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 59 Question Id : 78035913169 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

ବାକ୍ୟରେ ବ୍ୟବହାର କରାଯାଇଥିବା ପଦଗୁଡ଼ିକର ପାରସ୍ପରିକ ସମ୍ବନ୍ଧକୁ ଏହା କୁହାଯାଏ

- 1. ଆସତ୍ତି
- 2. ଆକାଂକ୍ଷା
- 3. ଯୋଗ୍ୟତା
- 4. ଖଣ୍ଡବାକ୍ୟ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 60 Question Id : 78035913170 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

- ମାଆ ରାନ୍ଧୁଛନ୍ତି ।  
ଏହାର ସଠିକ୍ ଭାବବାଚ୍ୟ
- 1. ମାଆ ରନ୍ଧାଘରେ ରାନ୍ଧନ୍ତି
  - 2. ମାଆଙ୍କର ରନ୍ଧା ହେଲା
  - 3. ମାଆଙ୍କର ରନ୍ଧା ଚାଲିଛି
  - 4. ମାଆ ରନ୍ଧା ହେବ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Language 2 (English)

|                                       |           |
|---------------------------------------|-----------|
| Section Id :                          | 780359592 |
| Section Number :                      | 3         |
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 30        |
| Number of Questions to be attempted : | 30        |
| Section Marks :                       | 30        |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359592 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 61 Question Id : 78035913171 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

She is financially \_\_\_\_\_ on her parents.

Choose the correct option that fits the sentence.

- 1. dependent
- 2. dependant
- 3. Independant
- 4. Independent

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 62 Question Id : 78035913172 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

\_\_\_\_\_ the firewood into little pieces, can you?

Choose the correct phrasal verb.

- 1. Break down
- 2. Break back
- 3. Break into
- 4. Break up

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✓ 4

Question Number : 63 Question Id : 78035913173 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the word that would appear on a dictionary page with the guide words “Tea Spoon” and “Telephone”.

- 1. Table
- 2. Temper
- 3. Tea pot
- 4. Telescope

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 64 Question Id : 78035913174 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Choose the grammatically correct sentence.

- 1. Gautham gave me a chair to sit.
- 2. We do not sell things for credit.
- 3. The iron is a useful metal.
- 4. Mother loves her daughter.

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 65 Question Id : 78035913175 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Choose the sentence with correct punctuation and capitalisation.

- 1. “I’m not sure,” he said, “but I think it is on Wednesday.”
- 2. I’m not sure, He said, But I think it is on Wednesday.
- 3. I’m not sure, “he said, but i think it is on Wednesday.”
- 4. I’m not sure, He said, but I think it is on Wednesday.

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 66 Question Id : 78035913176 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

They have sold all the tickets.

Choose the passive voice for the sentence.

- 1. All the tickets had been sold by them.
- 2. All the tickets have sold by them.
- 3. All the tickets have been sold.
- 4. All of them have sold the tickets.

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✓ 3
- 4. ✗ 4

Question Number : 67 Question Id : 78035913177 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the letter format, ‘From address’ and ‘To address’, start from the left margin, where as date, leave taking and signature are towards the right margin.

- 1. Indented format
- 2. Blocked format
- 3. Fully blocked format
- 4. Informal format

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 68 Question Id : 78035913178 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the objective pronoun from the following options.

- 1. their
- 2. theirs
- 3. themselves
- 4. them

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✓ 4

Question Number : 69 Question Id : 78035913179 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Choose the correct conditional sentence.

- 1. You will be late for work if you didn't get up now.
- 2. You would be late for work if you don't get up now.
- 3. You will be late for work if you don't get up now.
- 4. You would have been for work if you don't get up now.

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 70 Question Id : 78035913180 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

She wrote better than she spoke.

Choose the positive degree of the sentence.

- 1. She wrote the best.
- 2. Among her skills, her writing was the best.
- 3. She wrote in the best way.
- 4. She did not speak so well as she wrote.

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 71 Question Id : 78035913181 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

“It’s a pleasure.”

Identify the language function of the above sentence.

- 1. Responding to apology
- 2. Thanking
- 3. Accepting an apology
- 4. Responding to thanks

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 72 Question Id : 78035913182 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the word which is correctly spelt.

- 1. picturesque
- 2. encapsulates
- 3. caresing
- 4. inexplicable

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 73 Question Id : 78035913183 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Linda said, “Hurrah! I have won the lottery.”

Choose the correct Reported Speech of the above sentence.

1. Linda exclaimed that she has won the lottery.
2. Linda exclaimed if she had won the lottery.
3. Linda exclaimed that she had won the lottery.
4. Linda exclaimed if she has won the lottery.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 74 Question Id : 78035913184 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Unless you work harder, you will fail.

Identify the adverb clause in the given sentence.

1. you will fail
2. Unless you work harder
3. Unless you will fail
4. you work harder

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 75 Question Id : 78035913185 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘A person with lean, muscular body and not much fat.’

Choose the most suitable word for the given expression.

- 1. ectomorph
- 2. endomorph
- 3. polymorph
- 4. amorphous

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 76 Question Id : 78035913186 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the sentence in which the verb agrees with the subject.

- 1. The famous singer and composer has arrived.
- 2. The famous singer and composer was arrived.
- 3. The famous singer and composer have arrived.
- 4. The famous singer and composer will arrived.

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 77 Question Id : 78035913187 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Siri wants fifty rupees.

Choose the option that is the negative declarative form of the given sentence.

- 1. Siri wants fifty rupees, doesn't she?
- 2. Does Siri wants fifty rupees?
- 3. Siri doesn't want fifty rupees.
- 4. Siri didn't want fifty rupees.

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 78 Question Id : 78035913188 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The river had dried up. \_\_\_\_\_ they decided to cancel the ferryboat.

Choose the linker that fits the blank.

- 1. Incidentally
- 2. Instead
- 3. Therefore
- 4. Besides

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 79 Question Id : 78035913189 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

I know \_\_\_\_\_ good restaurant. Shall I reserve \_\_\_\_\_ table for you tonight?

Choose the option that best fits the blank.

- 1. a; a
- 2. a; the
- 3. the; an
- 4. an; the

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 80 Question Id : 78035913190 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

When I lived in Germany, I \_\_\_\_\_ walk to the market every morning.

Choose the option that correctly completes the sentence.

- 1. might
- 2. use to
- 3. used to
- 4. am used to

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✓ 3
- 4. ✗ 4

Question Number : 81 Question Id : 78035913191 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Choose the silent letter in the word ‘gnarled’.

- 1. g
- 2. n
- 3. l
- 4. d

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 82 Question Id : 78035913192 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Just before the appraisal meeting, Arjun began complimenting his manager’s leadership style. His colleagues knew he was only trying to butter her up.

Identify the meaning of the idiom ‘butter someone up’ here.

- 1. To confuse someone with exaggerated words.
- 2. To sincerely praise someone for their kindness.
- 3. To prepare someone for unpleasant news.
- 4. To impress someone with flattery.

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✓ 4

Question Number : 83 Question Id : 78035913193 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The crowd began to shove as the gates opened.

Choose the synonym of the underlined word.

1. speak loudly
2. push hard
3. move slowly
4. walk politely

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 84 Question Id : 78035913194 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The villagers were relieved when the degradations of wild animals finally stopped.

Choose the antonym of the underlined word.

1. attack
2. ravages
3. preservation
4. destruction

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 85 Question Id : 78035913195 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

None of the water was wasted, \_\_\_\_\_

Choose the correct question tag of the above sentence.

1. is it?
2. isn't it?
3. was it?
4. wasn't it?

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 86 Question Id : 78035913196 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Alex \_\_\_\_\_ (get) married next month.

Choose the correct verb form to fill in the blank.

1. is getting
2. has been getting
3. was getting
4. would got

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 87 Question Id : 78035913197 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Choose the expression in which all the fact adjectives are used together in a proper order.

- 1. an old white cotton shirt
- 2. an old cotton white shirt
- 3. a white old cotton shirt
- 4. a cotton old white shirt

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 88 Question Id : 78035913198 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Three people were taken \_\_\_\_\_ hospital after the accident.

Choose the correct preposition.

- 1. for
- 2. at
- 3. to
- 4. with

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✓ 3
- 4. ✗ 4

Question Number : 89 Question Id : 78035913199 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

**Read the following passage.**

There was a time when man believed that each form of life had appeared separately on earth, and has been the same always. Later scientists proved that living forms have undergone many changes in their long history. This change came gradually over the years and is called evolution. Darwin said that nature selected suitable organisms that survived the struggle for existence, due to some beneficial traits.

Evolution is \_\_\_\_\_.

Choose the correct option to fill in the blank.

1. a process of life and death
2. the gradual process of change
3. the same state
4. selection of suitable organisms

**Options :**

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 90 Question Id : 78035913200 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Read the following.

Custard the dragon had big sharp teeth,  
And spikes on top of him scales underneath,  
Mouth like a fireplace, chimney for a nose,  
And realio, trulio daggers on his toes.

Identify what Custard’s mouth is compared to.

- 1. A river
- 2. A chimney
- 3. A barrel
- 4. A fireplace

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Mathematics(Content)

|                                       |           |
|---------------------------------------|-----------|
| Section Id :                          | 780359593 |
| Section Number :                      | 4         |
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 16        |
| Number of Questions to be attempted : | 16        |
| Section Marks :                       | 16        |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359593 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 91 Question Id : 78035913201 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

By revolving on hypotenuse of a right angled triangle with 8 cms, 15cms as perpendicular sides of the triangle, it appears to be two cones exactly surmounted on each other. Find the lateral surface area of the combination of cones (in cm<sup>2</sup>)

8 ସେ.ମି., 15 ସେ.ମି. ସମକୋଣ ସଂଲଗ୍ନ ବାହୁ ବିଶିଷ୍ଟ ସମକୋଣୀ ତ୍ରିଭୁଜର କର୍ଣ୍ଣକୁ ଅକ୍ଷ କରି, ଅକ୍ଷର ଚତୁର୍ପାର୍ଶ୍ବରେ ତ୍ରିଭୁଜକୁ ଘୂରାଇବା ଦ୍ବାରା ଦୁଇଟି ଶଙ୍କୁ ଗୋଟିଏ ସହ ଅନ୍ୟଟି ସଂଲଗ୍ନ ହେଲା ଭଳି ଦେଖାଯାଏ । ତେବେ ଦୁଇଟି ଶଙ୍କୁର ସଂଯୋଗରେ ଗଠିତ ଆକୃତିର ବକ୍ରପୃଷ୍ଠତଳର କ୍ଷେତ୍ରଫଳ ନିର୍ଣ୍ଣୟ କର(ବର୍ଗ ସେ.ମି.ରେ)

- 1.  $\frac{2520}{17}\pi$
- 2.  $\frac{2760}{17}\pi$
- 3.  $\frac{1660}{17}\pi$
- 4.  $\frac{1820}{17}\pi$

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 92 Question Id : 78035913202 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

On a certain amount the difference of compound interest and simple interest in 2 yrs with a rate of interest 10% is ₹ 1800. If the same amount is kept in compound interest for 4 yrs with the same rate, how much interest will we get ?

କିଛି ମୂଳଧନର 10% ସୁଧହାରରେ 2 ବର୍ଷର ଚକ୍ରବୃଦ୍ଧି ସୁଧ ଏବଂ ସରଳ ସୁଧର ପ୍ରଭେଦ ₹1800 ହେଲେ, ସେହି ମୂଳଧନ ପାଇଁ 4 ବର୍ଷରେ ସମାନ ସୁଧ ହାରରେ ପାଇବା ଚକ୍ରବୃଦ୍ଧି ସୁଧ କେତେ ?

- 1. ₹ 37,800
- 2. ₹ 36,658
- 3. ₹ 93,568
- 4. ₹ 83,538

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 93 Question Id : 78035913203 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Which of the following is the smallest ?

ନିମ୍ନରୁ କେଉଁଟି ସର୍ବନିମ୍ନ ଅଟେ ?

- 1.  $\sqrt{12} + \sqrt{8}$
- 2.  $\sqrt{13} + \sqrt{7}$
- 3.  $\sqrt{14} + \sqrt{6}$
- 4.  $\sqrt{15} + \sqrt{5}$

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 94 Question Id : 78035913204 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

$\sqrt{2025^2 - 2026 \times 2024} =$

- 1. 0
- 2. 1
- 3. 2023
- 4. 2024

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 95 Question Id : 78035913205 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

A rational number which does not lie between  $\frac{1}{4}$  and  $\frac{1}{3}$  is

$\frac{1}{4}$  ଏବଂ  $\frac{1}{3}$  ମଧ୍ୟରେ ରହି ନ ପାରିବା ପରିମେୟ ସଂଖ୍ୟା

- 1.  $\frac{7}{24}$
- 2.  $\frac{8}{23}$
- 3.  $\frac{13}{48}$
- 4.  $\frac{9}{35}$

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 96 Question Id : 78035913206 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

A number is selected at random from the numbers 3, 5, 5, 7, 7, 7, 9, 9, 9, 9 then the probability that the selected number will be their average is

3, 5, 5, 7, 7, 7, 9, 9, 9, 9 ସଂଖ୍ୟାଗୁଡ଼ିକ ମଧ୍ୟରୁ ଯାଦୃଚ୍ଛିକ ଭାବେ ଏକ ସଂଖ୍ୟାକୁ ଚୟନ କଲେ, ତାହା ସଂଖ୍ୟାଗୁଡ଼ିକର ହାରାହାରି ହେବା ସମ୍ଭାବ୍ୟତା

- 1.  $\frac{1}{10}$
- 2.  $\frac{3}{10}$
- 3.  $\frac{7}{10}$
- 4.  $\frac{9}{10}$

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 97 Question Id : 78035913207 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Which of the following is not a measure of central tendency ?

- 1. Mean
- 2. Range
- 3. Median
- 4. Mode

ନିମ୍ନରୁ କେଉଁଟି କେନ୍ଦ୍ରୀୟ ପ୍ରବଣତା ମାପନ ନୁହେଁ ?

- 1. ମାଧ୍ୟମାନ
- 2. ବିସ୍ତୃତି
- 3. ମଧ୍ୟମା
- 4. ଗରିଷ୍ଠକ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 98 Question Id : 78035913208 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The quadrilateral formed by the points (1, 1), (2, 4), (8, 4) and (10, 1) is \_\_\_\_\_

- 1. Kite
- 2. Square
- 3. Rectangle
- 4. Trapezium

(1, 1), (2, 4), (8, 4) ଏବଂ (10, 1) ବିନ୍ଦୁଗୁଡ଼ିକ ଦ୍ୱାରା ସୃଷ୍ଟି ହେବା  
ଚତୁର୍ଭୁଜ \_\_\_\_\_

- 1. ଗୁଡ଼ି
- 2. ବର୍ଗକ୍ଷେତ୍ର
- 3. ଆୟତକ୍ଷେତ୍ର
- 4. ତ୍ରାପିଜିୟମ୍

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 99 Question Id : 78035913209 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The distance between A(x, y) and B (3, 2) is  $\sqrt{2}$  if  
 $2x + y = 7$  then the point (x, y) is  
A(x, y) ଏବଂ B (3, 2) ମଧ୍ୟରେ ଦୂରତା  $\sqrt{2}$  ଏବଂ  $2x + y = 7$  ଶୁଣାଇ  
(x, y) ବିନ୍ଦୁ

- 1. (2, 3)
- 2.  $\left(\frac{16}{5}, \frac{3}{5}\right)$
- 3. Both (1) & (2)
- 4.  $\left(\frac{3}{5}, \frac{16}{5}\right)$

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 100 Question Id : 78035913210 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

If  $\frac{2 \sin \alpha}{1 + \cos \alpha + \sin \alpha} = y$  then  $\frac{1 - \cos \alpha + \sin \alpha}{1 + \sin \alpha} =$  \_\_\_\_\_  
 $\frac{2 \sin \alpha}{1 + \cos \alpha + \sin \alpha} = y$  ଶୁଣାଇ  $\frac{1 - \cos \alpha + \sin \alpha}{1 + \sin \alpha} =$  \_\_\_\_\_

- 1.  $1 - y$
- 2.  $1 + y$
- 3.  $y$
- 4.  $\frac{1}{y}$

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 101 Question Id : 78035913211 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

In  $\Delta ABC$ , if  $AB = AC = 15$  cm and  $BC = 18$  cm, then  
 $\cos \angle ABC =$  \_\_\_\_\_

$\Delta ABC$  ର ଯଦି  $AB = AC = 15$  ସେ.ମି. ଏବଂ  $BC = 18$  ସେ.ମି.,  
ତେବେ  $\cos \angle ABC =$  \_\_\_\_\_

- 1.  $\frac{3}{4}$
- 2.  $\frac{4}{5}$
- 3.  $\frac{5}{6}$
- 4.  $\frac{3}{5}$

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 102 Question Id : 78035913212 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

If  $(a - b)$ ,  $a$  and  $(a + b)$  are zeroes of the polynomial  
 $x^3 - 3x^2 + x + 1$  then the value of  $a + b$  is

$x^3 - 3x^2 + x + 1$  ବହୁପଦୀର ଶୂନ୍ୟ ମୂଲ୍ୟଗୁଡ଼ିକ  $(a - b)$ ,  
 $a$  ଏବଂ  $(a + b)$  ହେଲେ,  $a + b$  ର ମୂଲ୍ୟ

- 1.  $\sqrt{2} - 1$
- 2.  $\sqrt{2}$
- 3.  $-\sqrt{2} - 1$
- 4.  $1 \pm \sqrt{2}$

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 103 Question Id : 78035913213 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Which of the following is the greatest ?

ନିମ୍ନରୁ କେଉଁଟି ସର୍ବାଧିକ ଅଟେ ?

- 1.  $7^2$
- 2.  $(49)^{\frac{3}{2}}$
- 3.  $\left(\frac{1}{343}\right)^{-\frac{1}{3}}$
- 4.  $(2401)^{-\frac{1}{4}}$

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 104 Question Id : 78035913214 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

If 2 and 3 are roots of the quadratic equation  $3x^2 - 2kx + m = 0$ , then the value of  $k + m$  is

$3x^2 - 2kx + m = 0$  ବର୍ଗ ସମୀକରଣର ମୂଳଗୁଡ଼ିକ

2 ଏବଂ 3 ହେଲେ  $k + m$  ର ମୂଲ୍ୟ

- 1.  $\frac{33}{2}$
- 2.  $\frac{51}{2}$
- 3. 51
- 4.  $\frac{-51}{2}$

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 105 Question Id : 78035913215 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

If tangents AP and AQ from a point A to a circle with centre R are inclined to each other at an angle of  $80^\circ$ , then the measure of  $\angle PRA$  is

A ବିନ୍ଦୁରୁ R କେନ୍ଦ୍ର ଥିବା ଏକ ବୃତ୍ତ ପ୍ରତି ଟେଣ୍ଜେଣ୍ଟାଲ୍ ଥିବା ସ୍ପର୍ଶରେଖାର AP ଏବଂ AQ ମଧ୍ୟରେ କୋଣ  $80^\circ$  ହେଲେ,  $\angle PRA$  ର ମୂଲ୍ୟ

- 1.  $40^\circ$
- 2.  $50^\circ$
- 3.  $60^\circ$
- 4.  $70^\circ$

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 106 Question Id : 78035913216 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

If the sum of any two adjacent angles is  $180^\circ$ , then they are called

- 1. Reflex angles
- 2. Linear pair
- 3. Complementary angles
- 4. Right angles

ଯେକୌଣସି ଦୁଇଟି ସନ୍ନିହିତ କୋଣର ମୋଟ  $180^\circ$  ହେଲେ, ସେହି କୋଣଗୁଡ଼ିକୁ ଏହା କୁହାଯାଏ

- 1. ପ୍ରତିଫଳନ କୋଣ
- 2. ରେଖୀୟ ଯୋଡ଼ି
- 3. ଅନୁପୂରକ କୋଣ
- 4. ସମକୋଣ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Mathematics(Methodology)

|                                       |           |
|---------------------------------------|-----------|
| Section Id :                          | 780359594 |
| Section Number :                      | 5         |
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 4         |
| Number of Questions to be attempted : | 4         |
| Section Marks :                       | 4         |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359594 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 107 Question Id : 78035913217 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Concept “highly composite numbers” is introduced by

- 1. Aryabhatta
- 2. Brahmagupta
- 3. Srinivasa Ramanujan
- 4. Varaaha Mihira

“ଉଚ୍ଚତ ଯୌଗିକ ସଂଖ୍ୟା” ର ଧାରଣା ପରିଚିତ କରିଥିଲେ

- 1. ଆର୍ଯ୍ୟଭଟ୍ଟ
- 2. ବ୍ରହ୍ମଗୁପ୍ତ
- 3. ଶ୍ରୀନିବାସ ରାମାନ୍ୟଜନ୍
- 4. ବରାହ ମିହିର

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 108 Question Id : 78035913218 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the types of activities related to activity based method

- a. Exploratory
- b. Constructive
- c. Memorizing
- d. Expressional

କାର୍ଯ୍ୟକଳାପ ଆଧାରିତ ପଦ୍ଧତି ସମ୍ବନ୍ଧିତ କାର୍ଯ୍ୟକଳାପର ପ୍ରକାରଗୁଡ଼ିକ ଚିହ୍ନଟ  
କର

- a. ଅନୁସନ୍ଧାନାତ୍ମକ
- b. ଗଠନମୂଳକ
- c. ମନେପକାଇବା
- d. ଅଭିବ୍ୟକ୍ତିମୂଳକ

- 1. a, b, c
- 2. b, c, d
- 3. a, c, d
- 4. a, b, d

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 109 Question Id : 78035913219 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

“Curriculum is not only Teaching learning in the classroom, this is a totality of classroom ecosystem, practices and administration procedures” Defined by

"ପାଠ୍ୟକ୍ରମ କେବଳ ଶ୍ରେଣୀଗୃହରେ ସଂଘଟିତ ଶିକ୍ଷାଦାନ- ଶିକ୍ଷଣ ନୁହେଁ, ଏହା ହେଉଛି ବିଦ୍ୟାଳୟର ବାତାବରଣ, ଅଭ୍ୟାସ ଏବଂ ପ୍ରଶାସନିକ ପ୍ରକ୍ରିୟାର ଏକ ସମ୍ପୂର୍ଣ୍ଣତା" – ଏହି ସଂଜ୍ଞା ଦେଇଥିଲେ

- 1. RTE - 2010
- 2. NCF - SE - 2023
- 3. NCF-FS-2020
- 4. APSCF - 2011

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 110 Question Id : 78035913220 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The most useful evaluation tool for formative evaluation is

- 1. Oral exams
- 2. Rating scales
- 3. Practical examination
- 4. Written examination

ଗଠନାତ୍ମକ ମୂଲ୍ୟାୟନ ପାଇଁ ସବୁଠାରୁ ଉପଯୋଗୀ ମୂଲ୍ୟାଙ୍କନ ଉପକରଣ ହେଉଛି

- 1. ମୌଖିକ ପରୀକ୍ଷା
- 2. ନିର୍ଦ୍ଧାରଣ ମାପନୀ
- 3. ପ୍ରାକ୍ଟିକାଲ ପରୀକ୍ଷା
- 4. ଲିଖିତ ପରୀକ୍ଷା

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Physical Science (Content)

|                                       |           |
|---------------------------------------|-----------|
| Section Id :                          | 780359595 |
| Section Number :                      | 6         |
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 16        |
| Number of Questions to be attempted : | 16        |
| Section Marks :                       | 16        |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359595 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 111 Question Id : 78035913221 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

This is used to measure the volume of an irregular solid

- 1. Graph paper
- 2. Measuring Cylinder
- 3. Goniometer
- 4. Scale

ଅନିୟମିତ କଠିନ ପଦାର୍ଥର ଆୟତନ ମାପନ କରିବା ପାଇଁ ଏହାକୁ ବ୍ୟବହାର କରାଯାଏ

- 1. ଗ୍ରାଫ୍ କାଗଜ
- 2. ମାପ ସିଲିଣ୍ଡର୍
- 3. ଗୋନିଓ ମିଟର
- 4. ସ୍କେଲ୍

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 112 Question Id : 78035913222 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

An object travels 16 m in 4s and then another 16 m in 2s. The average speed of the object is \_\_\_\_\_

- 1. 3.33 m.s<sup>-1</sup>
- 2. 5.33 m.s<sup>-1</sup>
- 3. 8.33 m.s<sup>-1</sup>
- 4. 32.33 m.s<sup>-1</sup>

ଏକ ବସ୍ତୁ 4 ସେକେଣ୍ଡରେ 16 ମିଟର ଗତିକରେ ଏବଂ ପରବର୍ତ୍ତୀ 2 ସେକେଣ୍ଡରେ 16 ମିଟର ଗତି କରେ । ତେବେ ସେହି ବସ୍ତୁର ହାରାହାରି ବେଗ \_\_\_\_\_

- 1. 3.33 ମି.ସେ.<sup>-1</sup>
- 2. 5.33 ମି.ସେ.<sup>-1</sup>
- 3. 8.33 ମି.ସେ.<sup>-1</sup>
- 4. 32.33 ମି.ସେ.<sup>-1</sup>

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 113 Question Id : 78035913223 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Let a gun of mass  $m_1$  fired a bullet of mass  $m_2$ . The accelerations gained by the gun and the bullet are  $a_1$  and  $a_2$  respectively, then

$m_1$  ବସ୍ତୁର ବିଶିଷ୍ଟ ଏକ ବସ୍ତୁକ ଫୁଟିବାବେଳେ  $m_2$  ବସ୍ତୁର ବିଶିଷ୍ଟ ବୁଲେର ନିର୍ଗତ ହେଲା । ଏଠାରେ ବସ୍ତୁକ ଏବଂ ଗୁଳି ପାଇବା ଭରଣ ଯଥାକ୍ରମେ  $a_1$  ଏବଂ  $a_2$  ହେଲେ

- 1.  $m_1 m_2 = a_1 a_2$
- 2.  $\frac{m_1}{m_2} = \frac{a_1}{a_2}$
- 3.  $\frac{m_1}{m_2} = \frac{a_2}{a_1}$
- 4.  $m_2 - m_1 = a_2 - a_1$

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 114 Question Id : 78035913224 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The correct statement among the following regarding electro-  
plating is

- 1. mass of negative electrode increases
- 2. mass of positive electrode increases
- 3. mass of electrolyte decreases
- 4. mass of electrolyte increases

ନିମ୍ନରୁ ବିଦ୍ୟୁତ୍ ପ୍ରଲେପନ ସମ୍ବନ୍ଧିତ ସଠିକ୍ ଉକ୍ତିଟି

- 1. ରଣାତ୍ମକ ବିଦ୍ୟୁତାଗ୍ରର ବସ୍ତୁର ବୃଦ୍ଧି ପାଏ
- 2. ଧନାତ୍ମକ ବିଦ୍ୟୁତାଗ୍ରର ବସ୍ତୁର ବୃଦ୍ଧି ପାଏ
- 3. ବିଦ୍ୟୁତ୍ ବିଶ୍ଳେଷ୍ୟର ବସ୍ତୁର ହ୍ରାସ ପାଏ
- 4. ବିଦ୍ୟୁତ୍ ବିଶ୍ଳେଷ୍ୟର ବସ୍ତୁର ବୃଦ୍ଧି ପାଏ

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 115 Question Id : 78035913225 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

If the velocity of a body of mass ‘m’ doubled, its kinetic energy becomes

- 1. half
- 2. two times
- 3. four times
- 4. no change

ଯଦି m ବସ୍ତୁର ବେଗ ଏକ ବସ୍ତୁର ପରିବେଗ ଦ୍ୱିଗୁଣିତ ହୁଏ, ତେବେ ଏହାର ଗତିଜ ଶକ୍ତି ଏହା ହେବ

- 1. ଅର୍ଦ୍ଧେକ
- 2. ଦ୍ୱିଗୁଣିତ
- 3. ଚାରିଗୁଣ
- 4. ପରିବର୍ତ୍ତନ ହେବ ନାହିଁ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 116 Question Id : 78035913226 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Light enters from air to glass having refractive index 1.5, then  
the speed of light in glass is  
(speed of light in vacuum is  $3 \times 10^8 \text{ m.s}^{-1}$ )

ଆଲୋକ ରଶ୍ମି ବାୟୁ ମାଧ୍ୟମରୁ 1.5 ପ୍ରତିସରଣାଙ୍କ ବିଶିଷ୍ଟ କାଚ ମାଧ୍ୟମକୁ  
ପ୍ରବେଶ କରୁଛି । ତେବେ କାଚରେ ଆଲୋକର ବେଗ  
(ଶୂନ୍ୟରେ ଆଲୋକର ବେଗ  $3 \times 10^8 \text{ m.s}^{-1}$ )

1.  $2 \times 10^8 \text{ cm.s}^{-1}$
2.  $2 \times 10^8 \text{ m.s}^{-1}$
3.  $4.5 \times 10^8 \text{ cm.s}^{-1}$
4.  $4.5 \times 10^8 \text{ m.s}^{-1}$

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 117 Question Id : 78035913227 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Electric bulb : Filament : : Electric heater : \_\_\_\_\_

- 1. Element
- 2. Rheostat
- 3. Diode
- 4. Thermistor

ବିଦ୍ୟୁତ୍ ବଲ୍‌ବ : ଫିଲାମେଣ୍ଟ : : ବିଦ୍ୟୁତ୍ ହିଟର : .....

- 1. ଏଲିମେଣ୍ଟ
- 2. ରିଓଷ୍ଟାଟ୍
- 3. ଡାଇଓଡ୍
- 4. ଥର୍ମିଷ୍ଟର୍

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 118 Question Id : 78035913228 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

A straight conductor of length ' $l$ ', carrying a steady current ' $i$ ' experiences a force ' $F$ ' in an external uniform magnetic field  $B$ . Then

ବାହ୍ୟ ସମ ରୁଦ୍ଧକୀୟ କ୍ଷେତ୍ର  $B$  ରେ ' $l$ ' ଦୈର୍ଘ୍ୟ ବିଶିଷ୍ଟ ଏକ ସଳଖ ପରିବାହୀରେ ' $i$ ' ଛିର ବିଦ୍ୟୁତ୍ ପ୍ରବାହିତ ହେଲାବେଳେ, ଏହା ଉପରେ କାର୍ଯ୍ୟକାରୀ ବଳ ' $F$ ' ହୁଏ । ତେବେ

- 1.  $l = i (F \times B)$
- 2.  $i = \frac{l \times B}{F}$
- 3.  $F = i (l \times B)$
- 4.  $B = i (l \times F)$

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 119 Question Id : 78035913229 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

‘Propanone’ is an example for

- 1. Ketone
- 2. Aldehyde
- 3. Carboxylic acid
- 4. Alcohol

‘ପ୍ରୋପାନୋନ୍’ ଏହାର ଏକ ଉଦାହରଣ

- 1. କିଟୋନ୍
- 2. ଆଲଡିହାଇଡ୍
- 3. କାର୍ବୋକ୍ସିଲିକ୍ ଅମ୍ଳ
- 4. ଆଲ୍କହଲ୍

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 120 Question Id : 78035913230 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

A safe place during thunderstorm is

- 1. A house of low height
- 2. An open place
- 3. Under a tall tree
- 4. Car with open windows

ବଜ୍ରପାତ ସମୟରେ ଏହା ଏକ ନିରାପଦ ସ୍ଥାନ

- 1. କମ୍ ଉଚ୍ଚତା ଥିବା ଘର
- 2. ଖୋଲା ସ୍ଥାନ
- 3. ଉଚ୍ଚ ବୃକ୍ଷ ତଳେ
- 4. ଝରକା ଖୋଲା ଥିବା କାର୍

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 121 Question Id : 78035913231 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The property, which is not changed during physical change

- 1. State
- 2. Colour
- 3. Composition
- 4. Shape

ଭୌତିକ ପରିବର୍ତ୍ତନ ସମୟରେ ଏହି ଧର୍ମର ପରିବର୍ତ୍ତନ ହୁଏ ନାହିଁ

- 1. ଅବସ୍ଥା
- 2. ବର୍ଣ୍ଣ
- 3. ସଂଯୁକ୍ତି
- 4. ଆକାର

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 122 Question Id : 78035913232 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Mass percentage of a solution is expressed in

- 1. No units
- 2. mole.l<sup>-1</sup>
- 3. mole
- 4. g.l<sup>-1</sup>

ଏକ ଦ୍ରବଣର ବସ୍ତୁତ୍ୱ ଶତକଡ଼ାକୁ ଏହା ଦ୍ୱାରା ପ୍ରକାଶ କରାଯାଏ

- 1. ଏକକ ନାହିଁ
- 2. ମୋଲ୍.ଲି<sup>-1</sup>
- 3. ମୋଲ୍
- 4. ଗ୍ରାମ୍.ଲି<sup>-1</sup>

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 123 Question Id : 78035913233 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Plum pudding model : \_\_\_\_\_ :: Planetary model : Rutherford

- 1. Neils Bohr
- 2. John Dalton
- 3. Joseph John Thomson
- 4. J.P. Thomson

ପ୍ଲମ୍ ପୁଡିଂ ମଡେଲ : ..... :: ଗ୍ରହମଣ୍ଡଳୀୟ ମଡେଲ : ରୁଥରଫୋର୍ଡ

- 1. ନିଲ୍ସ ବୋର୍
- 2. ଜନ୍ ଡାଲଟନ୍
- 3. ଜୋସେଫ୍ ଜନ୍ ଥମ୍ସନ୍
- 4. J.P. ଥମ୍ସନ୍

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 124 Question Id : 78035913234 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Sodium : Kerosene :: \_\_\_\_\_ : Water

- 1. Potassium
- 2. Sulphur
- 3. Phosphorus
- 4. Mercury

ସୋଡ଼ିୟମ୍ : କିରୋସିନ୍ :: ..... : ଜଳ

- 1. ପୋଟାସିୟମ୍
- 2. ସଲ୍ଫର୍
- 3. ଫସ୍ଫରସ୍
- 4. ପାରଦ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 125 Question Id : 78035913235 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The observations made by the student while heating the paper cup containing water are,

Read the following statements and choose the correct option.

- A : The heat supplied to the paper cup is transferred to water by Conduction.
- B : In the presence of water, the ignition temperature of paper is reached. Hence, it does not burn.
1. A is correct, B is incorrect
  2. A is incorrect, B is correct
  3. Both A and B are correct
  4. Both A and B are incorrect

ଜଳ ଧାରଣ କରିଥିବା କାଗଜ କପକୁ ଗରମ କଲାବେଳେ ଶିକ୍ଷାର୍ଥୀମାନେ ନିମ୍ନ ପର୍ଯ୍ୟବେକ୍ଷଣ କଲେ ।

ନିମ୍ନ ଉକ୍ତିଗୁଡ଼ିକୁ ପଢ଼ି, ସଠିକ୍ ବିକଳ୍ପକୁ ଚୟନ କର ।

- A : କାଗଜ କପକୁ ଯୋଗାଇଥିବା ଉତ୍ତାପ, ପରିଚଳନ ପ୍ରକ୍ରିୟାରେ କାଗଜରୁ ଜଳକୁ ସ୍ଥାନାନ୍ତରିତ ହୋଇଥାଏ ।
- B : ଜଳର ଉପସ୍ଥିତିରେ କାଗଜ ନିଜର ପ୍ରଜ୍ୱଳନ ତାପମାତ୍ରାରେ ପହଞ୍ଚିଥାଏ । ତେଣୁ ଏହା ଜଳେ ନାହିଁ ।
1. A ଠିକ୍, B ଠିକ୍ ନୁହେଁ
  2. A ଠିକ୍ ନୁହେଁ, B ଠିକ୍
  3. A, B ଉଭୟ ଠିକ୍
  4. A, B ଉଭୟ ଠିକ୍ ନୁହେଁ

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 126 Question Id : 78035913236 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The colour of the compound formed, when we add dilute Hydrochloric acid slowly while stirring to a small amount of copper oxide in a beaker \_\_\_\_\_

- 1. Pale yellow
- 2. Blue-green
- 3. Pink
- 4. Brick red

ଏକ ବିକରରେ ସ୍ୱଳ୍ପ ପରିମାଣର କପର୍ ଅକ୍ସାଇଡ୍ ସହ ହାଇଡ୍ରୋକ୍ଲୋରିକ୍ ଅମ୍ଳକୁ ଧୀରେ ଧୀରେ ଘାଣ୍ଟି ମିଶାଇବା ବେଳେ ଉତ୍ପନ୍ନ ହେବା ଯୌଗିକର ବର୍ଣ୍ଣ .....

- 1. ଲକ୍ଷତ୍ ହଳଦିଆ
- 2. ନୀଳ-ସବୁଜ
- 3. ଗୋଲାପୀ
- 4. ଗେରୁଆ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Physical Science (Methodology)

|                                       |           |
|---------------------------------------|-----------|
| Section Id :                          | 780359596 |
| Section Number :                      | 7         |
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 4         |
| Number of Questions to be attempted : | 4         |
| Section Marks :                       | 4         |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359596 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 127 Question Id : 78035913237 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Which Education Commission suggested to study General Science, Mathematics as “Core Curriculum” at Secondary level in India

1. Wood’s Dispatch 1854
2. Charter Act 1813
3. Radhakrishna Commission 1948
4. A.L.Mudiliyar Committee 1952

କେଉଁ ଶିକ୍ଷା କମିଶନ୍ ଭାରତରେ ମାଧ୍ୟମିକ ବିଦ୍ୟାଳୟରେ ବିଜ୍ଞାନ ଏବଂ ଗଣିତ ଶିକ୍ଷାକୁ ବାଧ୍ୟତାମୂଳକ ଅଂଶ ରୂପେ ରହିବାପାଇଁ ସୂଚୀତ କରିଛି ?

1. ଉଦ୍‌ସ ଡେସ୍‌ପାଚ୍ 1854
2. ଚାର୍ଟର୍ ଆକ୍ଟ 1813
3. ରାଧାକୃଷ୍ଣ କମିଶନ୍ 1948
4. A.L. ମୁଦଲିୟର୍ କମିଟି 1952

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 128 Question Id : 78035913238 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

A student improvised an ‘Electrolytic cell’ and demonstrated it in the laboratory. To which educational objective does it belongs, as per revised, Bloom’s Taxonomy of Educational objectives?

- 1. Creating
- 2. Analyzing
- 3. Understanding
- 4. Evaluation

ଜଣେ ଛାତ୍ର ଏକ ‘ଇଲେକ୍ଟ୍ରୋଲିଟିକ୍ କୋଷ’କୁ ବିକଶିତ କରି ପରୀକ୍ଷାଗାରରେ ପ୍ରଦର୍ଶନ କଲା । ଏହା ସଂଶୋଧିତ ବ୍ଲୁମ୍‌ସଙ୍କ ଶିକ୍ଷାଗତ ଉଦ୍ଦେଶ୍ୟ ଅନୁସାରେ କାହା ସହିତ ଜଡ଼ିତ ?

- 1. ସୃଷ୍ଟି କରିବା
- 2. ବିଶ୍ଳେଷଣ କରିବା
- 3. ବୋଧ କରିବା
- 4. ମୂଲ୍ୟାଙ୍କନ କରିବା

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 129 Question Id : 78035913239 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

In which of the following methods “Even front system” is method adopted while teaching physical science ?

1. Project Method
2. Heuristic Method
3. Laboratory Method
4. Problem Solving Method

ଭୌତିକ ବିଜ୍ଞାନ ପଢ଼ାଇବା ସମୟରେ ନିମ୍ନଲିଖିତ ପଦ୍ଧତିଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଟିରେ ‘ସହକର୍ଷ ପଦ୍ଧତି’ ଗ୍ରହଣ କରାଯାଏ ?

1. ପ୍ରକଳ୍ପ ପଦ୍ଧତି
2. ଅନୁସନ୍ଧାନ ପଦ୍ଧତି
3. ପ୍ରୟୋଗଶାଳା ପଦ୍ଧତି
4. ସମସ୍ୟା ସମାଧାନ ପଦ୍ଧତି

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 130 Question Id : 78035913240 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

“Students of Upper primary school should use activities like group-activities, dissension, surveys, collection of data and demonstrations to learn science” who suggested this?

- 1. NPE - 1986
- 2. NCF - 2005
- 3. NCF - 2020
- 4. APSCF - 2011

“ଉଚ୍ଚ ପ୍ରାଥମିକ ବିଦ୍ୟାଳୟର ଶିକ୍ଷାର୍ଥୀମାନେ ବିଜ୍ଞାନକୁ ବୁଝିବା ପାଇଁ ସାମୂହିକ କାର୍ଯ୍ୟ, ମତଭେଦ, ସର୍ବେକ୍ଷଣ, ତଥ୍ୟ ସଂଗ୍ରହ ଏବଂ ପ୍ରଦର୍ଶନ ଭଳି କାର୍ଯ୍ୟକଳାପକୁ ବ୍ୟବହାର କରିବା ଉଚିତ”- ଏହା ସୂଚାଇଥିଲେ

- 1. NPE - 1986
- 2. NCF - 2005
- 3. NCF - 2020
- 4. APSCF - 2011

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Biological Science(Content)

|                                       |           |
|---------------------------------------|-----------|
| Section Id :                          | 780359597 |
| Section Number :                      | 8         |
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 16        |
| Number of Questions to be attempted : | 16        |
| Section Marks :                       | 16        |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359597 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 131 Question Id : 78035913241 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Read the following statements and choose the correct option.

Assertion A : A fish cannot live out of water and a camel cannot live in sea.

Reason R : Adaptations of organisms differ depending on their place of dwelling.

- 1. Both A & R are correct and R explains A.
- 2. A is correct but R is incorrect.
- 3. Both A & R are correct but R does not explain A.
- 4. A is incorrect but R is correct.

ନିମ୍ନୋକ୍ତ ଉକ୍ତିଗୁଡ଼ିକ ପଢ ଏବଂ ସଠିକ୍ ବିକଳ୍ପ ଚୟନ କର ।

ଧାରଣା A : ଏକ ମାଛ ପାଣି ବାହାରେ ବଞ୍ଚିପାରିବ ନାହିଁ ଏବଂ ଓଟ ସମୁଦ୍ରରେ ରହିପାରିବ ନାହିଁ ।

କାରଣ R : ଜୀବମାନଙ୍କ ଉପଯୋଜନ ସେମାନଙ୍କର ବାସସ୍ଥାନ ଉପରେ ନିର୍ଭର କରି ଭିନ୍ନ ହୋଇଥାଏ ।

- 1. ଉଭୟ A ଏବଂ R ଠିକ୍ ଏବଂ R , A କୁ ବ୍ୟାଖ୍ୟା କରେ ।
- 2. A ଠିକ୍ କିନ୍ତୁ R ଭୁଲ୍ ।
- 3. ଉଭୟ A ଏବଂ R ଠିକ୍ କିନ୍ତୁ R, A କୁ ବ୍ୟାଖ୍ୟା କରେ ନାହିଁ ।
- 4. A ଭୁଲ୍ କିନ୍ତୁ R ଠିକ୍ ।

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 132 Question Id : 78035913242 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

An egg membrane filled with a solution is kept in a beaker with hypertonic solution, the result will be

- 1. The size of egg membrane will increase
- 2. The size of egg membrane will decrease
- 3. No change in the size of the egg membrane
- 4. The egg membrane ruptures and dissolves

ଦ୍ରବଣରେ ପରିପୂର୍ଣ୍ଣ ଏକ ଅଣ୍ଡା ଝିଲ୍ଲାକୁ ଯଦି ଅତିସାନ୍ଦ୍ର(ହାଇପରଟୋନିକ୍) ଦ୍ରବଣ ଯୁକ୍ତ ଏକ ବିକରରେ ରଖାଯାଏ, ତଳାଫଳ ହେବ

- 1. ଅଣ୍ଡା ଝିଲ୍ଲାର ଆକାର ବଢ଼ିବ
- 2. ଅଣ୍ଡା ଝିଲ୍ଲାର ଆକାର କମିଯିବ
- 3. ଅଣ୍ଡା ଝିଲ୍ଲାର ଆକାରରେ କୌଣସି ପରିବର୍ତ୍ତନ ହେବ ନାହିଁ
- 4. ଅଣ୍ଡା ଝିଲ୍ଲା ଫାଟି ଦ୍ରବୀଭୂତ ହେବ

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 133 Question Id : 78035913243 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Choose the correct sentences regarding paranchyma.

- a. The cells in this tissue are loosely arranged.
- b. This is most common simple permanent tissue.
- c. It has no vacuoles.

ମୃଦୁଟିସୁ ସମ୍ବନ୍ଧୀୟ ସଠିକ୍ ଉକ୍ତିଗୁଡ଼ିକ ଚୟନ କର ।

- a. ଏହି ଟିସୁରେ କୋଷଗୁଡ଼ିକ ଢିଲାରେ ସଜ୍ଜା ହୋଇଥାଏ ।
- b. ଏହା ସାଧାରଣ ରୂପେ ଦେଖାଯିବା ସରଳ ସ୍ଥାୟୀ ଟିସୁ ଅଟେ ।
- c. ଏଥିରେ ରସଧାନୀ ନ ଥାଏ ।

- 1. a, c
- 2. b, c
- 3. a, b
- 4. a, b, c

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 134 Question Id : 78035913244 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Read the following statements and choose the correct option.

Assertion (A) : Antibiotics are effective against infections like common cold and polio.

Reason (R) : Antibiotics kill bacteria and inhibit their infections.

ନିମ୍ନୋକ୍ତ ଉକ୍ତିଗୁଡ଼ିକ ପଢ଼ ଏବଂ ସଠିକ୍ ବିକଳ୍ପ ଚୟନ କର ।

ଧାରଣା (A) : ସାଧାରଣ ସର୍ଦ୍ଦି ଏବଂ ପୋଲିଓ ପରି ସଂକ୍ରମଣ ବିରୁଦ୍ଧରେ ଆଣ୍ଟିବାୟୋଟିକ୍ ପ୍ରଭାବଶାଳୀ କାର୍ଯ୍ୟ କରେ

କାରଣ (R) : ଆଣ୍ଟିବାୟୋଟିକ୍ ବୀଜାଣୁକୁ ମାରିଦିଏ ଏବଂ ସେଗୁଡ଼ିକର ସଂକ୍ରମଣକୁ ରୋକିଥାଏ ।

- 1. A is true, R is false
- 2. A is false, R is true
- 3. Both A, R are true, R is correct explanation for A.
- 4. Both A, R are true, R is not correct explanation for A.

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 135 Question Id : 78035913245 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Match the following.

- |                   |     |                 |
|-------------------|-----|-----------------|
| a) Apis dorsata   | ( ) | i) Italian bee  |
| b) Apis florae    | ( ) | ii) Rock bee    |
| c) Apis mellifera | ( ) | iii) Indian bee |
| d) Apis cerana    | ( ) | iv) Little bee  |
- ମେଳ କର ।

- |                   |     |                     |
|-------------------|-----|---------------------|
| a) ଏପିସ୍ ଡର୍ସେଟା  | ( ) | i) ଇଟାଲୀୟ ମହୁମାଛି   |
| b) ଏପିସ୍ ଫ୍ଲୋରା   | ( ) | ii) ରକ୍ ମହୁମାଛି     |
| c) ଏପିସ୍ ମେଲିଫେରା | ( ) | iii) ଭାରତୀୟ ମହୁମାଛି |
| d) ଏପିସ୍ ସେରାନା   | ( ) | iv) ଲିଟିଲ୍ ମହୁମାଛି  |

1. a – iii b – iv c – ii d – i
2. a – ii b – iv c – i d – iii
3. a – iv b – ii c – i d – iii
4. a – ii b – iii c – iv d – i

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 136 Question Id : 78035913246 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Read the following statements and choose the correct answer.

- P : The small intestine of a fox is longer than the small intestine of a rabbit.
- Q : Carnivores need a long coiled intestine to digest flesh as it has more proteins.

ନିମ୍ନୋକ୍ତ ଉକ୍ତିଗୁଡ଼ିକ ପଢ଼ ଏବଂ ସଠିକ୍ ବିକଳ୍ପ ଚୟନ କର ।

- P : ଠେକୁଆର କ୍ଷୁଦ୍ରାନ୍ତ ଅପେକ୍ଷା ବିଲୁଆର କ୍ଷୁଦ୍ରାନ୍ତ ଲମ୍ବା ଅଟେ ।
- Q : ମାଂସାଶୀମାନେ ମାଂସ ହଜମ କରିବା ପାଇଁ ଏକ ଲମ୍ବା କୁଣ୍ଡଳୀ ଅନ୍ତନଳୀ ଆବଶ୍ୟକ କରନ୍ତି କାରଣ ଏଥିରେ ଅଧିକ ପ୍ରୋଟିନ୍ ଥାଏ

1. Both P and Q are correct
2. P is correct, Q is incorrect
3. P is incorrect, Q is correct
4. Both P and Q are incorrect

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 137 Question Id : 78035913247 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Read the statements. Identify the suitable answer.

Assertion A : Gaseous exchange occurs in plants through stomata.

Reason R : Turgidity in guard cell is decreased due to influx of  $Cl^-$  ions.

ନିମ୍ନୋକ୍ତ ଉକ୍ତିଗୁଡ଼ିକ ପଢ଼ ଏବଂ ସଠିକ୍ ବିକଳ୍ପ ଚୟନ କର ।

ଧାରଣା A : ଉଦ୍ଭିଦରେ ଗ୍ୟାସୀୟ ବିନିମୟ ପତ୍ରରନ୍ତ୍ର ମାଧ୍ୟମରେ ହୁଏ ।

କାରଣ R :  $Cl^-$  ଆୟନର ଅନ୍ତଃପ୍ରବାହ ହେତୁ ରକ୍ଷକକୋଷରେ ରସସ୍ଫୀତି ହ୍ରାସ ପାଇଥାଏ ।

- 1. 'A' is correct and 'R' is correct explanation to 'A'.
- 2. 'A' is incorrect and 'R' is incorrect explanation to 'A'.
- 3. 'A' is incorrect and 'R' is correct explanation to 'A'.
- 4. 'A' is correct and 'R' is incorrect explanation to 'A'.

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 138 Question Id : 78035913248 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the correct sequence with reference to passage of air during breathing in human beings

1.

Nasal cavity → Bronchioles→ Trachea → Alveoli
2.

Nasal cavity → Trachea → Bronchioles → Alveoli
3.

Nasal cavity → Alveoli → Bronchioles → Trachea
4.

Trachea → Bronchioles → Alveoli → Nasal cavity
- ମାନବ ଶ୍ୱାସ ନେବାବେଳେ ବାୟୁ ପ୍ରବାହ ବିପକ୍ଷରେ ସଠିକ୍ କ୍ରମ ଚିହ୍ନଟ କର
1.

ନାସାଗହ୍ୱର → ସୂକ୍ଷ୍ମଶ୍ୱାସନଳୀକା → ଶ୍ୱାସନଳୀ → କଟୋରିକା
2.

ନାସାଗହ୍ୱର → ଶ୍ୱାସନଳୀ → ସୂକ୍ଷ୍ମଶ୍ୱାସନଳୀକା → କଟୋରିକା
3.

ନାସାଗହ୍ୱର → କଟୋରିକା → ସୂକ୍ଷ୍ମଶ୍ୱାସନଳୀକା → ଶ୍ୱାସନଳୀ
4.

ଶ୍ୱାସନଳୀ → ସୂକ୍ଷ୍ମଶ୍ୱାସନଳୀକା → କଟୋରିକା → ନାସାଗହ୍ୱର

Options :

1.

✖

1
2.

✔

2
3.

✖

3
4.

✖

4

Question Number : 139 Question Id : 78035913249 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

An agriculture scientist would suggest these phytohormones respectively to treat the crop with short plants, delayed stem growth and persistent leaves

- 1. Auxin – length; gibberellin – stem growth; abscisic acid – wilting of leaves
- 2. Gibberellin – length; abscisic acid – stem growth; Auxin – wilting of leaves
- 3. ABA – length; auxin – wilting of leaves; gibberellin – stem growth
- 4. Cytokinin – wilting of leaves; ABA – length; auxin – stem growth

ବାଙ୍ଗରା ଉଦ୍ଭିଦ, ମନ୍ଦର କାଣ୍ଡ ବୃଦ୍ଧି ଏବଂ ସ୍ଥାୟୀ ପତ୍ର ସହିତ ଫସଲର ଚିକିତ୍ସା ପାଇଁ କୃଷି ବୈଜ୍ଞାନିକ ଜଣକ ଯଥାକ୍ରମେ ଏହି ଫାଇଟୋହରମୋନ୍ ଗୁଡ଼ିକୁ ସୂଚାଇବେ

- 1. ଅକ୍ସିନ୍ - ଦୈର୍ଘ୍ୟ; ଜିବ୍ବେରିଲିନ୍ - କାଣ୍ଡ ବୃଦ୍ଧି; ଏବ୍ସିସିକ୍ ଅମ୍ଳ - ପତ୍ର ଝାଡ଼ିବା
- 2. ଜିବ୍ବେରିଲିନ୍ - ଦୈର୍ଘ୍ୟ; ଏବ୍ସିସିକ୍ ଅମ୍ଳ - କାଣ୍ଡ ବୃଦ୍ଧି; ଅକ୍ସିନ୍ - ପତ୍ର ଝାଡ଼ିବା
- 3. ABA - ଦୈର୍ଘ୍ୟ; ଅକ୍ସିନ୍ - ପତ୍ର ଝାଡ଼ିବା; ଜିବ୍ବେରିଲିନ୍ - କାଣ୍ଡ ବୃଦ୍ଧି
- 4. ସାଇଟୋକାଇନିନ୍ - ପତ୍ର ଝାଡ଼ିବା; ABA - ଦୈର୍ଘ୍ୟ; ଅକ୍ସିନ୍ - କାଣ୍ଡ ବୃଦ୍ଧି

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 140 Question Id : 78035913250 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

In frogs, the zygote develops into a larva (tadpole) in

- 1. The female body
- 2. The male body
- 3. The water
- 4. The soil

ବେଙ୍ଗରେ, ଯୁଗ୍ମଜଟି ଏକ ଲାର୍ଭା (ବେଙ୍ଗପୁଲ) ରୂପେ ଏଥିରେ ବିକଶିତ ହୋଇଥାଏ

- 1. ସ୍ତ୍ରୀ ଶରୀର
- 2. ପୁରୁଷ ଶରୀର
- 3. ଜଳ
- 4. ମାଟି

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 141 Question Id : 78035913251 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The correct statements among the following is

- A : Thyroxine plays a vital role in metamorphosis of frog.
- B : Homothetogenic fission is seen in binary fission of amoeba
- C : During fission cytokinesis takes place first and then karyokinesis
- D : The term 'clone' is used for individuals morphologically similar with slight genetic variations.

ନିମ୍ନୋକ୍ତ ମଧ୍ୟରୁ ସଠିକ୍ ଉକ୍ତିଗୁଡ଼ିକ ହେଉଛି

- A : ବେଙ୍ଗର ରୂପାନ୍ତରଣରେ ଥାଇରକ୍ସିନ୍ ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ଭୂମିକା ଗ୍ରହଣ କରିଥାଏ ।
- B : ଆମିବାର ଦ୍ୱି- ବିଭାଜନରେ ହୋମୋଥେଟୋଜେନିକ୍ ବିଭାଜନ ଦେଖାଯାଏ ।
- C : ବିଭାଜନ ସମୟରେ ସାଇଟୋକାଇନେସିସ୍ ପ୍ରଥମେ ହୁଏ ଏବଂ ପରେ କାରିଓକାଇନେସିସ୍ ହୁଏ ।
- D : 'କ୍ଲୋନ୍' ଶବ୍ଦକୁ ଭୌତିକ ରୂପେ ସମରୂପୀରେ ଥାଇ, ଜେନେଟିକ୍ ରୂପରେ ସାମାନ୍ୟ ଭିନ୍ନତା ଥିବା ଜୀବମାନଙ୍କୁ ସୂଚାଇବା ପାଇଁ ବ୍ୟବହୃତ ହୁଏ ।

- 1. A only
- 2. B only
- 3. Both A and D
- 4. Both A and B

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 142 Question Id : 78035913252 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the digestive juice which is alkaline in nature.

- A) Succus entericus
- B) Gastric juice
- C) Pancreatic juice
- D) Saliva

କ୍ଷାରୀୟ ପ୍ରକୃତିର ପାଚକ ରସକୁ ଚିହ୍ନଟ କର

- A) ଅନ୍ତରସ
  - B) ଜଠର ରସ
  - C) ଅଗ୍ନାଶୟ ରସ
  - D) ଲାଳ
1. A and D only
  2. A, C and D only
  3. A, B and D only
  4. B, C and D only

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 143 Question Id : 78035913253 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

This pollutant released during the burning of fossil fuels cause respiratory problems leading to permanent damage of lungs.

- 1. Carbon dioxide
- 2. Nitrogen
- 3. Sulphur dioxide
- 4. Hydrogen

ଜୀବାଶ୍ମ ଇନ୍ଦନ ଜାଳିବା ସମୟରେ ନିର୍ଗତ ଏହି ପ୍ରଦୂଷକ ଶ୍ବାସକ୍ରିୟାରେ ସମସ୍ୟା ସୃଷ୍ଟି କରେ ଯାହା ପୁଷ୍ପଫୁସ୍ତର ଛାୟା କ୍ଷତି ଘଟାଇଥାଏ

- 1. କାର୍ବନ ଡାଇଅକ୍ସାଇଡ୍
- 2. ନାଇଟ୍ରୋଜେନ୍
- 3. ସଲଫର ଡାଇଅକ୍ସାଇଡ୍
- 4. ହାଇଡ୍ରୋଜେନ୍

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 144 Question Id : 78035913254 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Red data book is internationally published by

- 1. WCS (Wild life conservation society)
- 2. IUCN (International union for conservation of nature)
- 3. WWF (World wide fund for nature)
- 4. IFAW (International fund for animal welfare)

ଆନ୍ତର୍ଜାତୀୟ ସ୍ତରରେ ‘ରେଡ୍ ଡାଟା’ ବୁକ୍ ଏହାଙ୍କ ଦ୍ୱାରା ପ୍ରକାଶିତ ହୁଏ

- 1. WCS (ୱାଇଲ୍‌ଲାଇଫ୍ କଞ୍ଜର୍ଭେସନ୍ ସୋସାଇଟି)
- 2. IUCN (ଇଣ୍ଟରନ୍ୟାସନାଲ୍ ୟୁନିୟନ ଫର କଞ୍ଜର୍ଭେସନ୍ ଅଫ୍ ନେଚର)
- 3. WWF (ୱାର୍ଲ୍ଡ୍‌ୱାଇଡ୍ ଫଣ୍ଡ ଫର ନେଚର)
- 4. IFAW (ଇଣ୍ଟରନ୍ୟାସେନାଲ୍ ଫଣ୍ଡ ଫର ଏନିମାଲ୍ ୱେଲ୍‌ଫେର୍)

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 145 Question Id : 78035913255 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

The finest timber teak is found in this forest of India

- 1. Satpura National park
- 2. Nanda Devi National park
- 3. Nallamala Forest
- 4. Gir forest

ଭାରତର ଏହି ଜଙ୍ଗଲରେ ସର୍ବୋତ୍କୃଷ୍ଟ ଶାଗୁଆନ କାଠ ଦେଖିବାକୁ ମିଳେ

- 1. ସାତପୁରା ଜାତୀୟ ଉଦ୍ୟାନ
- 2. ନନ୍ଦା ଦେବୀ ଜାତୀୟ ଉଦ୍ୟାନ
- 3. ନାଲ୍ଲାମାଲା ଜଙ୍ଗଲ
- 4. ଗିର୍ ଜଙ୍ଗଲ

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 146 Question Id : 78035913256 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

One of the following practice is not recommended for sustainable ecological functioning

- 1. Reduce consumption and waste production.
- 2. Support usage of renewable energy alternatives.
- 3. Use exotic plants in the garden for beautification.
- 4. Avoid usage of pesticides and follow natural pest control.

ସୁସ୍ଥିର ପରିବେଶ କାର୍ଯ୍ୟକାରୀତା ପାଇଁ ସୁପାରିଶ କରାଯାଉ ନ ଥିବା ନିମ୍ନ କାର୍ଯ୍ୟଟି

- 1. ବିନିଯୋଗ ହ୍ରାସ କରିବା, ବର୍ଜ୍ୟ ନିୟନ୍ତ୍ରଣ
- 2. ନବୀକରଣଯୋଗ୍ୟ ଶକ୍ତି ଉତ୍ପାଦନକୁ ସମର୍ଥନ କରିବା
- 3. ସୌନ୍ଦର୍ଯ୍ୟକରଣ ପାଇଁ ବଗିଚାରେ ବିଦେଶୀ ଉଦ୍ଭିଦ ବଢ଼ାଇବା
- 4. କୀଟନାଶକ ବିନିଯୋଗର ନିରାକରଣ ଏବଂ ପ୍ରାକୃତିକ କୀଟ ନିୟନ୍ତ୍ରଣ ପଦ୍ଧତି ଅନୁସରଣ କରିବା

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Biological Science(Methodology)

|                                       |           |
|---------------------------------------|-----------|
| Section Id :                          | 780359598 |
| Section Number :                      | 9         |
| Section type :                        | Online    |
| Mandatory or Optional :               | Mandatory |
| Number of Questions :                 | 4         |
| Number of Questions to be attempted : | 4         |
| Section Marks :                       | 4         |
| Section Negative Marks :              | 0         |
| Maximum Instruction Time :            | 0         |
| Sub-Section Number :                  | 1         |
| Sub-Section Id :                      | 780359598 |
| Question Shuffling Allowed :          | Yes       |
| Is Section Default? :                 | No        |

Question Number : 147 Question Id : 78035913257 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the pair of applied branches of Biology among the following.

- 1. Microbiology, Immunology
- 2. Cytology, Physiology
- 3. Embryology, Evolution
- 4. Palaeontology, Marine Biology

ନିମ୍ନଲିଖିତଗୁଡ଼ିକ ମଧ୍ୟରେ ଜୀବବିଜ୍ଞାନର ପ୍ରୟୋଗାତ୍ମକ ଶାଖାଗୁଡ଼ିକର ଯୋଡ଼ି ଚିହ୍ନଟ କର

- 1. ଅଣୁଜୀବ ବିଜ୍ଞାନ, ରୋଗପ୍ରତିରୋଧୀ ବିଜ୍ଞାନ
- 2. କୋଷ ବିଜ୍ଞାନ, ଶରୀର କ୍ରିୟା ବିଜ୍ଞାନ
- 3. ଭ୍ରୂଣ ବିଜ୍ଞାନ, ବିବର୍ତ୍ତନ ବିଜ୍ଞାନ
- 4. ଜୀବାଶ୍ମ ବିଜ୍ଞାନ, ସାମୁଦ୍ରିକ ଜୀବ ବିଜ୍ଞାନ

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 148 Question Id : 78035913258 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Behavioural change that can be achieved during the teaching of a course.

- 1. Goal
- 2. Aim
- 3. Objective
- 4. Specification

ଏକ ପାଠ୍ୟକ୍ରମର ଶିକ୍ଷାଦାନ ସମୟରେ ହାସଲ କରାଯାଇପାରିବା ଆଚରଣଗତ ପରିବର୍ତ୍ତନ

- 1. ଗନ୍ତବ୍ୟ
- 2. ଲକ୍ଷ୍ୟ
- 3. ଉଦ୍ଦେଶ୍ୟ
- 4. ସ୍ୱତ୍ୱୀକରଣ

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 149 Question Id : 78035913259 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

Identify the correct proposal about school education in relation to NCF 2005.

1. Education should be meaningful – competitive spirit should be developed.
2. Exam methods should be reformed – learning should not be limited to textbooks.
3. Knowledge should be applied in real life – sciences should be studied separately
4. Stop rote learning – implement strict examinations.

NCF 2005 ସହ ସଂପୃକ୍ତ ବିଦ୍ୟାଳୟ ଶିକ୍ଷା ବିଷୟରେ ସଠିକ୍ ପ୍ରସ୍ତାବ ଚିହ୍ନଟ କର

1. ଶିକ୍ଷା ସାର୍ଥକ ହେବା, ପ୍ରତିଯୋଗିତା ମନୋଭାବର ବିକାଶ
2. ପରୀକ୍ଷା ପଦ୍ଧତିରେ ସଂସ୍କରଣ ରହିବା ଉଚିତ – ପାଠ୍ୟପୁସ୍ତକ ମଧ୍ୟରେ ପାଠଶିକ୍ଷଣ ସୀମିତ ରହିବା ଅନୁଚିତ
3. ଜ୍ଞାନକୁ ବାସ୍ତବ ଜୀବନରେ ପ୍ରୟୋଗ କରାଯିବା - ବିଜ୍ଞାନକୁ ପୃଥକ ଭାବରେ ଅଧ୍ୟୟନ କରାଯିବା
4. ଘୋଷା ଶିକ୍ଷା ବନ୍ଦ କରିବା - କଠିନ ପରୀକ୍ଷା ପ୍ରଣାଳୀ କାର୍ଯ୍ୟକାରୀ କରିବା

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 150 Question Id : 78035913260 Question Type : MCQ Option Shuffling : No  
Correct Marks : 1 Wrong Marks : 0

In a classroom, the teacher cut the cross-section of a stem and showed it to students. Here the learning experience for student is

- 1. Direct experience
- 2. Indirect experience
- 3. Vicarious experience
- 4. Beneficial experience

ଏକ ଶ୍ରେଣୀଗୃହରେ, ଶିକ୍ଷକ ଏକ କାଣ୍ଡର ଅନୁପ୍ରସ୍ଥାପନା କରି ଶିକ୍ଷାର୍ଥୀମାନଙ୍କୁ ଦେଖାଇଲେ । ଏଠାରେ ଶିକ୍ଷାର୍ଥୀମାନେ ପାଇଥିବା ଶିକ୍ଷଣ ଅଭିଜ୍ଞତା

- 1. ପ୍ରତ୍ୟକ୍ଷ ଅଭିଜ୍ଞତା
- 2. ପରୋକ୍ଷ ଅଭିଜ୍ଞତା
- 3. ପ୍ରାତିନିଧି ଅଭିଜ୍ଞତା
- 4. ପ୍ରୟୋଜନାତ୍ମକ ଅଭିଜ୍ଞତା

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4