

This booklet contains printed pages : 20



DIBRUGARH UNIVERSITY

B.Ed. COMMON ENTRANCE TEST (B.Ed. CET) 2022

Question Booklet No.

737

QUESTION BOOKLET

Roll No :

A

Date : AUGUST, 2022

IMPORTANT INSTRUCTIONS TO THE CANDIDATES

1. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO.
2. Write your Roll Number in the appropriate box of the QUESTION BOOKLET.
3. Write your Roll Number in the appropriate boxes of the OMR SHEET.
4. Write the Number and Series of the Question Booklet in the appropriate boxes of the OMR SHEET.
5. This Question Booklet contains 70 multiple choice objective type questions carrying 1 (one) Mark each.
6. There shall be negative marking for wrong answers. For each wrong answer 0.25 marks shall be deducted.
7. Use Ball Pen (Black / Blue) for any response on the QUESTION BOOKLET and OMR SHEET.
8. Each question has four alternative responses marked as (A), (B), (C) and (D). You have to completely **darken** the appropriate **CIRCLE** for responding a Question. **Darkening more than one Circle or erasing a response in the OMR Sheet by any means shall lead to cancellation of the answer.**
9. Response on the OMR sheet in any other manner in more than one box shall NOT be considered for evaluation.
10. One blank page is attached with the QUESTION BOOKLET for Rough Works. Do not detach the pages for rough work from the QUESTION BOOKLET.
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12. The candidates must return the QUESTION BOOKLET along with the OMR SHEET to the invigilator at the end of the examination and must not carry any paper outside the Examination Hall.
13. Use of calculators and cell phones (mobiles) or any other electronic gadgets are **STRICTLY PROHIBITED** inside the examination hall during the Examination hours.
14. The candidate must ensure that the OMR Sheet is signed by the Invigilator before returning.
15. The candidates must keep their belonging outside the Examination Hall at their own risk.

1. The name of players participated in Tokyo Olympics, 2020 from North-East India and their games are given below :

<u>Name of players participated in Tokyo Olympics, 2020</u>	<u>Games</u>
a. Tarundeep Rai	I. Judo
b. Lalremsiami	II. Weightlifting
c. Saikhom Mirabai Chanu	III. Archery
d. Sushila Likmabam	IV. Hockey

Find the correct match—

- (A) a-III, b-IV, c-I, d-II^x (B) a-II, b-I, c-III, d-IV^y
 ✓ (C) a-III, b-IV, c-II, d-I (D) a-IV, b-I, c-II, d-III

2. Which of the following statements is/are correct regarding SDGs ?

- I. There are 15 SDGs.
 II. The target year of SDGs is 2031.
 III. 'United Nations Department of Economic and Social affairs' acts as the secretariat for SDGs.
 IV. India has been ranked 120th position in the sustainable development report 2021.

Choose the correct option—

- (A) I, II and III only
 (B) II and IV only
 (C) III and IV only
 (D) I and II only

3. The names of schemes of Govt. of India and their implementation years are given below :

<u>Names of Govt. Schemes of India</u>	<u>Implementation Years</u>
a. PM Ujjwala Yojana	I. 2018
b. Ayushman Bharat Yojana	II. 2020
c. Swamitva Yojana	III. 2019
d. PM Kisan Samman Nidhi	IV. 2016

Find the correct match—

- (A) a-I, b-III, c-II, d-IV (B) a-II, b-III, c-IV, d-I
 (C) a-IV, b-II, c-III, d-I ✓ (D) a-IV, b-I, c-II, d-III

4. The number of Amendments of Indian Constitution and their matters of amendment is given below :

- I. 105th Amendment : To restore the power of the state governments to identify OBC that are socially and economically backward
- II. 103rd Amendment : Introduction of Goods and Service taxes
- III. 101st Amendment : A maximum of 10% reservation for EWS of citizens of classes other than the classes mentioned in clause (4) and (5) of Article 15
- IV. 102nd Amendment : Constitutional status to National Commission for Backward Classes.

Which of the above are correctly matched ?

- (A) I, II, III and IV
 - (B) I and IV only
 - (C) II and III only
 - (D) II, III and IV only
5. The events of Indian National Movement and the year of occurrence is given below :

<u>Events of Indian National Movement</u>	<u>Year of occurrence</u>
a. Imposition of Rowlatt Act	I. 1922
b. Chauri Chaura Incident	II. 1917
c. Appointment of Simon Commission	III. 1919
d. Champaran Satyagraha	IV. 1927

Find the correct match—

- (A) a-I, b-III, c-II, d-IV
- (B) a-II, b-I, c-III, d-IV
- (C) a-IV, b-III, c-II, d-I
- (D) a-III, b-I, c-IV, d-II

6. The name of Assamese Poets and their Sobriquet is given as —

Name of Assamese Poets

Sobriquet

- | | |
|--------------------------|---------------------|
| a. Ananda Chandra Barua | I. Dhvani Kobi |
| b. Raghunath Choudhury | II. Paporir Kobi |
| c. Binanda Chandra Barua | III. Bihogi Kobi |
| d. Ganesh Chandra Gogoi | IV. Bakulbonor Kobi |

Find the correct match—

- (A) a-II, b-IV, c-III, d-I ☒ (B) a-IV, b-III, c-I, d-II
(C) a-I, b-III, c-II, d-IV (D) a-II, b-I, c-IV, d-III

7. Which of the following statements are correct regarding NEP 2020 ?

- I. The structure of school education is 5+3+3+4.
II. Early childhood care and education is started at the age of 4 of a child.
III. PARAKH is proposed a national assessment center.
IV. Access, equity and quality are only the fundamental pillars of NEP 2020.

Choose the correct option—

- (A) I, II, III and IV (B) II and IV only
(C) I and III only (D) III and IV only

8. The name of Covid vaccines and their developers are given below :

Name of Covid vaccine

Developers

- | | |
|------------------|---------------------------------|
| a. Covilo | I. Bharat Bio-Tech |
| b. Sputnik Light | II. Serum Institute of India |
| c. Covovax | III. Sinopharm |
| d. Covaxin | IV. Gamaleya Research Institute |

Find the correct match—

- (A) a-IV, b-II, c-III, d-I (B) a-III, b-IV, c-II, d-I
☒ (C) a-III, b-II, c-IV, d-I (D) a-II, b-III, c-I, d-IV

9. The name of countries and their rank in geographical area are given below :

<u>Name of Countries</u>	<u>Rank in Geographical Area</u>
a. India	I. Seventh
b. Russia	II. First
c. Australia	III. Fifth
d. Brazil	IV. Sixth
e. China	V. Third
f. United States	VI. Second

Which of the above are correctly matched ?

- ~~(A)~~ a, b and e only (B) b, c, d and f only
(C) a, b, d, e and f only (D) c, d and f only
10. Who acts as the President of India when neither the President nor the Vice President is available in their office ?
(A) Seniormost Governor of a state ~~(B)~~ Chief Justice of India
(C) Speaker of Lok Sabha (D) Auditor General of India
11. In the Constitution of India, promotion of international peace and security is included in the
(A) Preamble to the Constitution of India
(B) Directive Principles of State Policy of Indian Constitution
(C) Fundamental Duties of Indian Constitution
(D) Ninth Schedule of Indian Constitution
12. Under the Constitution of India, which one of the following is not a Fundamental Duty ?
(A) To vote in public elections
(B) To develop the scientific temper
(C) To safeguard public property
(D) To abide by the Constitution and respect its ideals

13. The simultaneous existence of inflation and unemployment is said as
- (A) deflation (B) stagflation
(C) recession (D) depression
14. If price of any commodity decreases by 25% and the demand for that commodity increases by 50%, then elasticity of demand would be
- (A) perfectly elastic (B) perfectly inelastic
(C) unit elastic (D) highly elastic
15. If the Reserve Bank of India reduces the cash reserve ratio, the credit creation
- (A) will not be affected (B) will increase
(C) will decrease (D) may increase or decrease
16. The theme of First International Day of Yoga was
- (A) Yoga for Health and Peace (B) Connect with Youth
(C) Yoga for Harmony and Peace (D) Yoga for Heart and Health
17. In Indian Premier League (IPL) 2022 Gujarat Titans won the title defeating
- (A) Kolkata Knight Riders (B) Lucknow Super Giants
(C) Rajasthan Royals (D) Royal Challengers
18. The source of vitamin D in the body is
- (A) calcium deposited in the bone
(B) due to UV exposure on calcium
(C) due to UV exposure on cholesterol molecules
(D) gamma radiation on the body
19. The first human made vaccine was applied against
- (A) poliomyelitis (B) smallpox
(C) measles (D) diphtheria

20. Which among the following can be used for production of ethanol for the purpose of biofuels ?

- | | |
|-----------------|-----------------|
| 1. Sugarcane | 2. Rice husk |
| 3. Wheat stalks | 4. Wooden chips |

Select the correct statement from the codes given below :

- | | |
|---------------------|-------------------|
| (A) Only 1 | (B) Only 1 and 2 |
| (C) Only 1, 2 and 3 | (D) 1, 2, 3 and 4 |

21. Arrange the main levels of organisation in ecology in sequence :

- | | |
|--------------|--------------|
| 1. Ecosystem | 2. Biome |
| 3. Community | 4. Biosphere |

Select the correct option from the codes given below :

- | | |
|-------------|-------------|
| (A) 3-1-2-4 | (B) 1-2-3-4 |
| (C) 2-1-3-4 | (D) 4-2-1-3 |

22. Which of the following is the correct path of urine in human body ?

- ✓(A) kidney → ureter → urinary bladder → urethra
- (B) kidney → urinary bladder → ureter → urethra
- (C) kidney → ureter → urethra → urinary bladder
- (D) urinary bladder → kidney → ureter → urethra

23. Name the recently unveiled biggest bridge of Bangladesh stretching 6.15 km.

- ✓(A) Padma Multipurpose Bridge (B) Bangabandhu Bridge
- (C) Jamuna Multipurpose Bridge (D) Sayed Nazrul Islam Bridge

24. Which of the following is NOT a characteristic of joint family ?

- | | |
|-----------------------------------|---------------------------------|
| (A) Co-residentiality | (B) Joint ownership of property |
| (C) Private ownership of property | (D) Common worship |

25. The 'Special Marriage Act' was passed in the year

- (A) 1954
- (B) 1956
- (C) 1960
- (D) 1980

26. A student scored 100% score in Mathematics. Which of the following statements is the best to encourage the student ?

- (A) You are very smart and intelligent and you will be successful.
- (B) You are very good and capable in Mathematics you are going to be a Mathematician.
- (C) You are really a hard worker and you will be successful one day.
- (D) The way you have learnt Mathematics and solved problems in the examination were very nice.

27. What will you do if a student does not take interest in studies ?

- (A) You will try to make your teaching more interesting.
- (B) You will give example of meritorious students.
- (C) You will try to know the reason for lack of interest.
- (D) You will talk with the parents of the student.

28. As a teacher what will you do, if a student fails to answer a question asked by you ?

- (A) You will ask the question to another student.
- (B) You yourself will give the answer of the question.
- (C) You will suggest the student to study hard.
- (D) You will give clues to lead the student to the answer of the question.

29. More effective teachers

- (i) make ideas clear to learners who may be at different levels of understanding
- (ii) explain concept in ways that help students follow along in a step-by-step order
- (iii) try to find out the limitations of the students and take disciplinary action
- (iv) have an oral delivery that is direct, audible to all students, and free of distracting mannerism

(A) i, ii, iii

(B) i, iii, iv

(C) ii, iii, iv

(D) i, ii, iv

30. A highly justified ground of using teaching-learning material in teaching is

- (A) It minimizes indiscipline problem in the classroom
- (B) It reduces teachers' labour in teaching
- (C) It provides effective engagement of the students in learning tasks
- (D) It builds teachers' good impression among the students

31. You like teaching profession, because

- (A) it is a respectable profession
- ☒ (B) you are interested in it
- (C) it provides you more holidays to perform other academic works
- (D) it has less responsibility on the part of official work

32. If majority of students in your class are weak you should

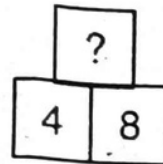
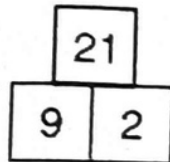
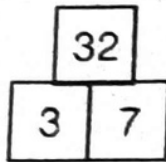
- (A) not care about the intelligent students
- (B) keep your speed of teaching fast so that students' comprehension levels may increase
- (C) keep your teaching slow
- (D) keep your teaching slow along with some extra guidance to the bright pupils

33. Success of inclusive education depends on
- (A) community support
 - (B) attitudinal change among teachers
 - (C) high quality teaching-learning materials
 - (D) high quality textbooks
34. What is the most important contribution that a teacher can make in the classroom ?
- (A) Develop interest in the lesson
 - (B) Impart knowledge of the subject
 - (C) Reduce tension and make learning creative
 - (D) Set high achievement levels
35. The purpose of the textbook is to provide
- (A) a learning material based on a syllabus to a learner
 - (B) a material to teachers to base teaching on
 - (C) a material forming the basis and content for examinations
 - (D) reading and reference materials for the teachers
36. A physically active lifestyle has been shown to help increase longevity. In the Wistar region of Bellaria, the average age at death is considerably higher than in any other part of the country. Wistar is the only mountainous part of Bellaria. A mountainous terrain makes even such basic activities as walking relatively strenuous; it essentially imposes a physically active lifestyle on people. Clearly, this circumstance explains the long lives of people in Wistar. Which of the following, if true, most seriously weakens the argument ?
- (A) In Bellaria all medical expenses are paid by the government, so that personal income does not affect the quality of health care a person receives.
 - (B) The Wistar region is one of Bellaria's least populated regions.
 - (C) Many people who live in the Wistar region have moved there in middle age or upon retirement.
 - (D) The many opportunities for hiking, skiing, and other outdoor activities that Wistar's mountains offer make it a favourite destination for vacationing Bellarians.

37. There are 4 more women than men in a committee. If there are 10 members in the committee, how many are women?

- (A) 3 (B) 4
(C) 6 (D) 7

38. Which number should replace the question mark?

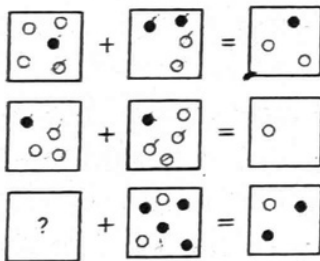


- (A) 22 (B) 18
(C) 12 (D) 11

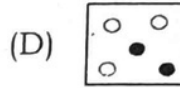
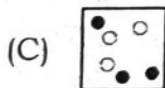
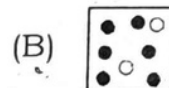
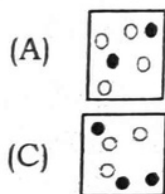
39. FISCAL, SCRIBE, SELECT, INSIDE, MAYHEM, PURIFY, FLANGE, ?????
Logically, what word comes next?

- (A) RHYTHM (B) SACRED
(C) GUILTY (D) OXYGEN

40.

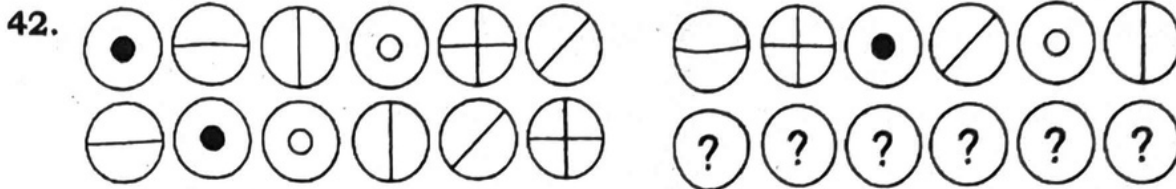


Which square below should replace the question mark in the above figure?



41. A, AB, ABD, ABDG, ABDGK, ??????
What group of letters comes next?

- (A) ABDGKP (B) ABDPKG
(C) ABPDGK (D) GKABDL



Which set of symbols should replace the question marks ?

- (A)
- (B)
- (C)
- (D)

43. A family consists of six members P, Q, R, X, Y and Z. Q is the son of R but R is not mother of Q. P and R are a married couple. Y is the brother of R. X is the daughter of P. Z is the brother of P. How many children does P have ?

- (A) 1 (B) 2
(C) 3 (D) 4

44. **Statement :** The oceans are store house of practically every mineral including $^{238}\text{U}_{92}$. But like most other minerals it is found in extremely low concentration about 3 grams per 1000 tons of water.

Conclusion-I : Sea water contains silver and iron.

Conclusion-II : Gold is found about 3 grams per 1000 tons of water.

- (A) Only conclusion I follows
(B) Only conclusion II follows
(C) Both I and II follows
(D) Neither I nor II follows

45. If January 1, 1996 was Monday, what day of the week was January 1, 1997 ?
- (A) Thursday (B) Wednesday
(C) Friday (D) Sunday
46. In a group of 15 students, 7 students have studied Latin, 8 students have studied Greek, and 3 students have not studied either. How many of these studied both Latin and Greek ?
- (A) 0 (B) 3
(C) 4 (D) 5
47. The average age of 10 members of a committee is the same as it was 4 years ago, because an old member has been replaced by a young member. Find how much younger is the new member ?
- (A) 40 years (B) 45 years
(C) 50 years (D) 55 years
48. Anil had some mangoes. He sold 40% more than he ate. If he sold 70 mangoes, how many did he eat ?
- (A) 90 (B) 50
(C) 42 (D) 18
49. Simplify $\left[\left\{ 7^{-1} + \left(\frac{5}{7} \right)^{-1} \right\} \left(\frac{3}{2} \right) \right]^{-1}$
- (A) $\frac{35}{81}$ (B) $\frac{81}{35}$
(C) $\frac{7}{5}$ (D) $\frac{5}{7}$
50. Four-fifth of a number is greater than three-fourth of the number by 4. Find the number.
- (A) 60 (B) 70
(C) 80 (D) 90

51. The average of first 50 natural numbers is

☒ (A) 25.5

(B) 25.3

(C) 25.0

(D) 12.25

52. A man goes 24 m due east and then 10 m due north. How far is he away from his initial position ?

(A) 22 m

(B) 26 m

(C) 30 m

(D) 31 m

53. The surface area of a cube is 150 sq. cm. Then the volume of the cube is

(A) 125 cm³

(B) 152 cm³

(C) 217 cm³

(D) 373 cm³

54. $\sqrt{0.1} =$

(A) 0.1

(B) 0.01

(C) 0.001

☒ (D) None of these

55. $5 \times 5 + 5 \div 5 - 5 + 5 \div 5 + 5 =$

(A) 7

☒ (B) 11

(C) 27

(D) 30

56. The boy said, "Who dare call you a thief?"

(A) The boy enquired who dared call him a thief.

(B) The boy asked who called him a thief.

(C) The boy told that who dared call him a thief.

(D) The boy wondered who dared call a thief.

57. Select the pair that has the same relationship :

Pain : Sedative

(A) Comfort : Stimulant

(B) Grief : Consolation

(C) Trance : Narcotic

(D) Ache : Extraction

58. "Who is creating this mess ?" Change into passive.

(A) Who has been creating this mess ?

(B) By whom has this mess been created ?

(C) By whom this mess is being created ?

(D) By whom is this mess being created ?

59. The antonym of 'audacious' is

(A) timid

(B) violent

(C) capacious

(D) uncultured

Directions (Q. Nos. 60–61) : Out of the four alternatives, choose the one which can be substituted for the given words/sentences :

60. A place where birds are kept

(A) Apiary

(B) Aquarium

(C) Aviary

(D) House

61. One who leaves his own country to settle in another

(A) Foreigner

(B) Tourist

(C) Native

(D) Emigrant

Directions (Q. Nos. 62–63) : Fill in the blanks with correct prepositions :

62. The doctor is not _____ home.

- ☒ (A) at (B) in
(C) on (D) of

63. Don't be angry _____ me.

- (A) at (B) with
(C) to (D) of

Directions (Q. Nos. 64–65) : Fill in the blanks with correct form of tense in the following sentences :

64. I have not seen him since we _____ school.

- (A) leave ☒ (B) left
(C) leaving (D) None of the above

65. There are no taxies available because taxi drivers _____ on strike.

- (A) went (B) go
(C) have gone (D) will go

Directions (Q. Nos. 66–70) : Read the passage given below carefully and answer the questions that follow :

As the rulers of the planet, humans like to think that it is the large creatures who will emerge victorious from the struggle for survival. However, nature teaches us the opposite it is often the smallest species which are the toughest and most adaptable. A perfect example is the hummingbird, which is found in the Americas. One species of hummingbird is known as the bee hummingbird ranks as the world's smallest and lightest bird and it is barely visible when it is in flight.

Hummingbirds are the only birds that can fly backwards. They feed mainly on the nectar of flowers, a liquid that is rich in energy. Nectar is an ideal food source, for hummingbirds need an incredible amount of energy to sustain their body metabolism. A hummingbird's wings flap at a rate of about 80 times per second and its tiny heart beats more than 1000 times per minute. This is why they must consume relatively

large quantities of food. In the course of a day, a hummingbird consumes about half its body weight in nectar.

66. Nature has made man realize the fact that
- (A) the large creatures emerge victorious from the struggle for survival
 - ☒ (B) the smallest creatures are the toughest and most adaptable
 - (C) humans who rule the planet are the most powerful beings on earth
 - (D) the largest and the smallest species are equally tough and strong
67. Which of the following statements about the bee hummingbird is true?
- ☒ (A) It is obviously visible when it flies.
 - (B) It escapes our sight when it is in flight.
 - (C) It could fly high beyond the clouds.
 - (D) It cannot be seen when it is in flight.
68. Hummingbirds need a lot of energy in order to
- ☒ (A) maintain their body metabolism
 - (B) flap their wings and fly backwards
 - (C) sustain a steady rhythm of heart-beat
 - (D) win in the struggle for survival
69. The hummingbirds are exclusive in the sense that
- (A) they subsist only on nectar
 - ☒ (B) their pulse rate is more than 1000 per minute
 - (C) they consume half their body weight everyday
 - (D) they can fly backwards
70. The word, 'incredible' in the passage means
- | | |
|---|-------------------|
| (A) tremendous | (B) inexhaustible |
| ☒ (C) unbelievable | (D) phenomenal |

— x —