

Odisha SSB

**Previous Year Paper
Jr Assistant & Jr Steno
20 Dec, 2020**

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TEST BOOKLET

Sl. No.

Junior Assistants & Junior Stenographers For Different Universities of Odisha

Time Allowed : 1 Hour & 30 Minutes

Maximum Marks : 100

: INSTRUCTIONS TO CANDIDATES :

1. **IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET CONTAINS 23 PAGES AND DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.**
2. You have to enter your **Roll No.** on the Test Booklet in the Box provided alongside. **DO NOT** write anything else on the Test Booklet.
3. The Test Booklet contains **100** questions with four Sections and each section contains 25 questions. Each question comprises four answers. You have to select the correct answer which you want to mark (darken) on the **Answer Sheet / OMR Sheet**. In case, you feel that there is more than one correct answer, you should mark (darken) the answer which you consider the best. In any case choose **ONLY ONE** answer for each question. If more than one answer is darkened it will be considered as wrong. You have to answer all the sections with equal weightage.
4. You have to mark (darken) all your answers **ONLY** on the **separate Answer Sheet / OMR Sheet** provided, by using **BLACK BALL POINT PEN**. You have to do rough work on the space provided in the Test Booklet only. See instructions in the **Answer Sheet / OMR Sheet**.
5. All questions carry equal marks, i.e. one mark for each correct answer and each wrong answer will result in negative marking of **0.25** mark.
6. Before you proceed to mark (darken) the answers on the **Answer Sheet / OMR Sheet**, you have to fill in the required particulars in the **Answer Sheet / OMR Sheet** as per the instructions in your Admit Card.
7. **After you have completed filling in all your answers on the Answer Sheet / OMR Sheet and when the examination is over, you should hand over the Original Answer Sheet / OMR Sheet issued to you to the Invigilator. You are allowed to take with you the candidate's copy/second page of the Answer Sheet / OMR Sheet along with the Test Booklet after completion of the examination for your reference.**

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SEAL

SECTION - I GENERAL ENGLISH

Direction (Q. Nos. 1 to 3) : Each question below consists of four words. Three of them are related in meaning. Find the odd one out.

1. (A) Ascetic
(B) Austere
(C) Pejorative
(D) Frugal
2. (A) Xenophobe
(B) Misogynist
(C) Philanthropist
(D) Misanthrope
3. (A) Reprehensible
(B) Transient
(C) Ephemeral
(D) Fleeting

Direction (Q. Nos. 4 to 6) : For each question given below, choose the word that best completes the meaning of the sentence.

4. The man's wife _____ him for being a lazy, obnoxious slob.
(A) Incited

- (B) Flouted
- (C) Reproached
- (D) Instigated

5. The divisive issue _____ the group, half of them seemed strongly for it and other half strongly against it.

- (A) Circumscribed
- (B) Assuaged
- (C) Polarised
- (D) Castigated

6. The fans were _____ when their team lost its fourth match in a row.

- (A) Irascible
- (B) Precipitous
- (C) Despondent
- (D) Rapacious

Direction (Q. Nos. 7 to 9) : In the following sentences, a word is highlighted. Find out the alternative which best substitutes the underlined word.

7. I saw him as old, corrupt and irretrievably evil.

- (A) Inertly
- (B) Irredeemably
- (C) Irresolutely
- (D) Irreproachably

8. Scales of Justice are maintained in harmony by a sensitive mechanism adjusted with such nicety that they record the minutes of evidence.

- (A) Cohesion
- (B) Symbiosis
- (C) Unison
- (D) Balance

9. The manager's pusillanimous attitude is at the root of this delay.

- (A) Appeasing

- (B) Timid
- (C) Rough
- (D) Indecisive

Direction (Q. Nos. 10 & 11) : In the following sentences, a word is highlighted.

Choose a word from the given alternatives which has nearly opposite meaning to the given word.

10. She gave an equivocal reply.

- (A) Unbiased
- (B) Unambiguous
- (C) Rude
- (D) Pert

11. The student has shown exemplary zeal in completing his lessons.

- (A) Apathy
- (B) Fervour
- (C) Initiative
- (D) Eagerness

Direction (Q. Nos. 12 to 14) : In the following sentences, an idiom / phrase is highlighted. Choose the alternative which best expresses the meaning of the idiom / phrase.

12. The crowd was up in arms when the minister was caught in a scam.

- (A) Help
- (B) Pain
- (C) Angry
- (D) Supporting

13. Nowadays, we get an opportunity to see good plays once in a blue moon.

- (A) Incessantly
- (B) Frequently
- (C) Rarely
- (D) Weekly

14. 15th August, 1947 is a red letter day for all Indians.

- (A) A historical event

- (B) A memorable task
- (C) A particularly significant day
- (D) The Day of Independence

Direction (Q. Nos. 15 & 16) : Fill in the blanks with the correct alternatives.

15. The shopkeeper doesn't have the toys I am looking _____.

- (A) at
- (B) for
- (C) about
- (D) to

16. It was for the first time he had eaten a square meal _____ he had left his village.

- (A) for
- (B) although
- (C) before
- (D) since

Direction (Q. Nos. 17 to 21) : In the following, part of the sentences (marked as A, B, C, D) has an error. Locate the correct alternative.

17. Mathematics (A) / is his (B) / most toughest subject. (C) / No error (D)
18. They are (A) / looking forward (B) / to help you. (C) / No error (D)
19. No sooner (A) / they had received the guests (B) / than they began entertaining them. (C) / No error (D)
20. My mother and myself (A) / did the entire (B) / household jobs yesterday. (C) / No error (D)
21. Each of the boys (A) / play cricket (B) / in the playground. (C) / No error (D)

Direction (Q. Nos. 22 to 25) : Read the passage carefully and choose the correct answer to the questions from the alternatives given.

The light is slowly becoming visible at the end of the tunnel. There are encouraging signs – a combination of economic and political and policy measures – that the economy may shed the sluggishness of the past couple of years and start growing once again, creating new opportunities for entrepreneurs and jobs for youth. The inflation rate is moderating.

Global commodity prices are easing. And there's the very real possibility of the Reserve Bank of India again cutting rates, thus, providing the economy the much-needed growth impetus. There are other positive signs as well. The weatherman has predicted a normal monsoon this year. This augurs well for the rural economy. A bumper harvest – or just a good one – will help bring food prices down, accentuating the downward pressure on inflation and can set off a virtuous cycle wherein greater rural

demand kickstarts industrial production, thus, bumping up investments, jobs and economic growth.

22. What encouraging signs for the economy does the author state in the passage ?

- (A) There is a rise in prices
- (B) The economy may start growing again and create jobs for youth
- (C) The inflation rate would be moderate
- (D) The economy will get back to its sluggishness

23. What will be the impact if RBI cuts rates ?

- (A) It would provide a growth momentum to our economy
- (B) The past sluggishness of economy will be over

(C) There will be a rise in the rural economy

(D) None of these

24. What can be predicted about monsoon this year ?

- (A) Monsoon is predicted to be on time this year
- (B) It would be scarce
- (C) A normal monsoon is expected
- (D) Not mentioned in the passage

25. "Global commodity prices are easing." What does the author mean when he says this ?

- (A) Commodity prices are increasing day by day
- (B) It is easy to determine global commodity prices today
- (C) The prices of commodities are changing globally
- (D) The prices of commodities are decreasing globally

SECTION – II

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

26. Name the first Lieutenant Governor of Jammu & Kashmir :
- (A) Mr. Girish Chandra Murmu
(B) Mr. Manoj Sinha
(C) Mr. Manoj Tiwari
(D) Mr. Anil Baijal
27. What is the height of "Statue of Unity" erected in memory of Sardar Vallabhbhai Patel ?
- (A) 597 Ft.
(B) 600 Ft.
(C) 450 Ft
(D) 151 Ft.
28. On which day Article 370 and 35A provisions of Indian Constitution are abrogated with regard to Jammu & Kashmir ?
- (A) 5th August, 2019
(B) 15th August, 2019
(C) 26th January, 2020
(D) 15th August, 1947
29. Who is the founder of Infosys Limited ?
- (A) Mr. Subroto Bagchi
(B) Mr. Narayan Murthy
(C) Mr. Sam Pitroda
(D) Mr. Shiv Nadar
30. How many official languages appear on the Panel of the reverse of the Indian Currency Notes except Hindi and English ?
- (A) 15
(B) 16
(C) 10
(D) None of these
31. Name the place on LAC where India and China are presently in a border standoff :
- (A) Doklam
(B) Galwan Valley
(C) Kargil
(D) Kalapani

32. Who wrote "Bande Utkal Janani" recently declared as the State song of Odisha ?

- (A) Kanta Kabi Laxmikant Mohapatra
- (B) Utkalmani Gopabandhu Das
- (C) Pandit Nilakantha Dash
- (D) Pandit Godavarish Mishra

33. The recently acquired Rafale Fighter Jets by Indian Airforce are made in :

- (A) Russia
- (B) France
- (C) U. S. A.
- (D) Israel

34. Which human body part is affected badly by Corona Virus ?

- (A) Large Intestine
- (B) Gall Bladder
- (C) Kidney
- (D) Lungs

35. Bhitarkanika National Wildlife Park is situated in which district of Odisha ?

- (A) Sambalpur
- (B) Kendrapada
- (C) Kandhamal
- (D) Jajpur

36. How many member states are there in UNO ?

- (A) 130
- (B) 193
- (C) 185
- (D) 195

37. Mr. Sundar Pichai is the CEO of :

- (A) Microsoft
- (B) Google
- (C) Samsung
- (D) Jio Platforms Ltd.

38. The Constitution of India was adopted on :

- (A) 26th January, 1950
- (B) 26th January, 1949.
- (C) 26th November, 1949
- (D) 15th August, 1947

39. 'Arogya Setu' is an Indian App. for contact tracing, syndrome mapping of which disease ?

- (A) HIV
- (B) Hepatitis-B
- (C) COVID-19
- (D) Cancer

40. Decisions regarding disqualification of a member of Lok Sabha is taken by:

- (A) Speaker
- (B) Prime Minister
- (C) President
- (D) Minister for Parliament Affairs

41. Which type of mirror is used in the headlamps of cars ?

- (A) Parabolic Concave Mirror
- (B) Spherical Concave Mirror
- (C) Plane Mirror
- (D) Spherical Convex Mirror

42. Which one of the following is a bull work of personal freedom ?

- (A) Quo Warranto
- (B) Mandamus
- (C) Habeas Corpus
- (D) Certiorari

43. You must install a _____ if you want to share a broadband internet.

- (A) Router
- (B) Mouse
- (C) Node
- (D) Cable

44. 'WLAN' in Computer Language stands for :

- (A) Wireless Large Area Network
- (B) Wireless Local Area Network
- (C) Wireless Less Area Network
- (D) Wireless Large Access Network

45. What is the other name for vitamin B₂ ?

- (A) Thiamine
- (B) Haemoglobin
- (C) Riboflavin
- (D) Pyridoxine

46. Correct order of Digestive organs from top to bottom is :

- (A) Pharynx, Stomach, Esophagus, Small Intestine, Large Intestine, Rectum.
- (B) Stomach, Pharynx, Esophagus, Large Intestine, Small Intestine, Rectum.
- (C) Pharynx, Esophagus, Stomach, Small Intestine, Large Intestine, Rectum.
- (D) Esophagus, Pharynx, Stomach, Large Intestine, Small Intestine, Rectum.

47. River Brahmaputra doesn't pass through which country ?

- (A) Bangladesh

(B) China

(C) Bhutan

(D) India

48. The words "Satyameva Jayate" in the State Emblem of India were taken from _____.

- (A) Rigveda
- (B) Samaveda
- (C) Upanishads
- (D) Ramayana

49. When was the National Emergency declared for the first time in India under Article 352 ?

- (A) 1962
- (B) 1965
- (C) 1971
- (D) 1975

50. Ashoka embraced Buddhism :

- (A) When he was a Crown Prince
- (B) Before the Kalinga War
- (C) Just before his death
- (D) After the Kalinga War

SECTION – III

GENERAL MATHEMATICS

51. On selling a chair at 7% loss and a table at 17% gain, a man gains Rs. 296. If he sells the chair at 7% gain and the table at 12% gain, then he gains Rs. 400. The actual price of the table is :

- (A) Rs. 1,600
- (B) Rs. 1,800
- (C) Rs. 2,200
- (D) Rs. 2,400

52. Find the value of $\tan 105^\circ$:

- (A) $-\sqrt{3}$
- (B) $-2 - \sqrt{3}$
- (C) $2 - \sqrt{3}$
- (D) $\sqrt{3}/2$

53. $\frac{\frac{2}{x-2} + \frac{3}{x-3} + \frac{4}{x-4} + 3}{\frac{1}{x-2} + \frac{1}{x-3} + \frac{1}{x-4}}$ simplifies

to :

- (A) 1

- (B) $\frac{x}{2}$
- (C) x
- (D) $3x$

54. The compound interest on a certain sum for 2 years at 10% per annum is Rs. 525. The simple interest on the same sum for double the time at half rate percent per annum is :

- (A) Rs. 400
- (B) Rs. 500
- (C) Rs. 600
- (D) Rs. 800

55. In a hostel there are 100 students, out of which 18 do not drink either tea or coffee and 25 drink both. If 65 students drink only tea, find the number of students who drink only coffee :

- (A) 42
- (B) 35
- (C) 82
- (D) 75

56. If the sum of the roots of a quadratic equation is 3 and the sum of their squares is 29, then the quadratic equation is :

(A) $x^2 - 2x - 10 = 0$

(B) $x^2 - 10x - 3 = 0$

(C) $x^2 + 3x - 10 = 0$

(D) $x^2 - 3x - 10 = 0$

57. Each side of a rhombus is 15 m and the length of one of its diagonals is 6 m more than that of the other diagonal. Find the area of the rhombus :

(A) 225 sq m

(B) 432 sq m

(C) 216 sq m

(D) 220 sq m

58. For what value of k, the point P(5, 9) divides the points A(7, -3) and B(4, k) in the ratio 2 : 1 ?

(A) 15

(B) 5

(C) 12

(D) 8

59. 8 men and 12 women can complete a piece of work in 10 days whereas 6 men and 8 women can complete the work in 14 days. How many days will be required for one woman alone to complete the same work ?

(A) 140 days

(B) 280 days

(C) 240 days

(D) 180 days

60. From a point P which is at a distance of 13 cm from the centre O of a circle of radius 5 cm, a pair of tangents PQ and PR to the circle are drawn. Then the area of the quadrilateral PQOR is :

(A) 32.5 cm^2

(B) 65 cm^2

(C) 30 cm^2

(D) 60 cm^2

61. A hemispherical bowl of internal radius 12 cm contains liquid. This liquid is to be filled into cylindrical container of diameter 4 cm and height 3 cm. The number of containers that is necessary to empty the bowl is :

- (A) 80
- (B) 96
- (C) 102
- (D) 112

62. If $\frac{5 + 2\sqrt{3}}{7 + 4\sqrt{3}} = a + b\sqrt{3}$, then :

- (A) $a = -11, b = -6$
- (B) $a = -11, b = 6$
- (C) $a = 11, b = -6$
- (D) $a = 6, b = 11$

63. If in an A. P., $S_n = pn^2$ and $S_m = pm^2$, where S_r denotes the sum of r terms of the A. P., then S_p is equal to :

- (A) p^3
- (B) mnp

(C) $\frac{1}{2}p^3$

(D) $(m+n)p^2$

64. Two right-angled triangles ABC and DEF with $m\angle B = m\angle E = 90^\circ$ are congruent. Then which of the following conditions is not correct in favour of this congruency ?

- (A) $AC = DF$ and $BC = EF$ or $AB = DE$
- (B) $m\angle A = m\angle D$ or $m\angle C = m\angle F$
- (C) $m\angle C = m\angle F$ and $BC = EF$
- (D) None of these

65. A circular swimming pool is surrounded by a concrete wall 4 ft. wide. If the area of the concrete wall surrounding the pool is $\frac{11}{25}$ that of the pool, then the radius of the pool is :

- (A) 8 ft.
- (B) 16 ft.
- (C) 20 ft.
- (D) 30 ft.

66. Ratio of the earnings of A and B is 4 : 7. If the earnings of A increase by 50% and those of B decrease by 25%, the new ratio of their earnings becomes 8 : 7. What is A's earning ?

(A) Rs. 21,000
(B) Rs. 26,000
(C) Rs. 28,000
(D) Cannot be determined

67. A train is running at a uniform speed to cover a distance of 300 km. If the speed will be increased by 5 km per hr, it will be reached at the destination before 2 hours. Find the speed of the train :

(A) 40 km per hr
(B) 25 km per hr
(C) 30 km per hr
(D) 35 km per hr

68.
$$\frac{\cos 75^\circ \times \sec 165^\circ \times \sin 165^\circ}{\sin 105^\circ \times \tan 105^\circ \times \operatorname{cosec} 105^\circ}$$

simplifies to :

(A) $\tan^2 15^\circ \cdot \cos 15^\circ$

(B) $\tan 15^\circ \cdot \sin^2 15^\circ$

(C) $\tan^2 15^\circ \cdot \sin 15^\circ$

(D) $\cos 15^\circ \cdot \sin^3 15^\circ$

69. The radius and height of a right circular cone are in the ratio 3 : 4. If its volume is $301\frac{5}{7} \text{ cm}^3$, what is its slant height ?

(A) 12 cm

(B) 9 cm

(C) 8 cm

(D) 10 cm

70. For the given frequency distribution, the sum of lower limits of median class and modal class is :

Class	Frequency
0 – 5	10
5 – 10	15
10 – 15	12
15 – 20	20
20 – 25	9

(A) 15

(B) 25

(C) 30

(D) 35

71. Solve:

$$9^x - 4 \times 3^{x+1} + 27 = 0$$

(A) $x = 2$ or 1

(B) $x = 1$ or 3

(C) $x = 2$ or 3

(D) $x = 1$ or 4

72. If $\Delta ABC \sim \Delta PQR$ such that

$$AB = 5 \text{ cm}, BC = 12 \text{ cm}, AC = 13 \text{ cm}$$

and $QR = 8 \text{ cm}$, find the area of

ΔPQR :

(A) 20 sq cm

(B) $\frac{9}{4} \text{ sq cm}$

(C) $\frac{40}{3} \text{ sq cm}$

(D) $\frac{39}{4} \text{ sq cm}$

73. Solve the inequation $|7x + 3| \geq 5$:

(A) $-\frac{8}{7} \leq x \leq \frac{2}{7}$

(B) $x \leq -\frac{8}{7}$ or $x \geq \frac{2}{7}$

(C) $\frac{2}{7} < x < \frac{8}{7}$

(D) $x < -\frac{8}{7}$ or $x > \frac{5}{7}$

74. If A and B are two events such that

$$P(A \cap B) = \frac{1}{2}, P(A' \cap B') = \frac{1}{2} \text{ and}$$

$2P(A) = P(B) = p$, then the value of p is given by:

(A) $\frac{1}{4}$

(B) $\frac{1}{2}$

(C) $\frac{1}{3}$

(D) $\frac{2}{3}$

75. $2^2 + 4^2 + 6^2 + \dots + 20^2 = ?$

(A) 770

(B) 1155

(C) 1540

(D) 1085

SECTION – IV

REASONING AND MENTAL ABILITY

76. In a family, each daughter has the same number of brothers as she has sisters and each son has twice as many sisters as he has brothers. How many sons are there in the family ?
- (A) 2
(B) 3
(C) 4
(D) 5
77. In the series given below, how many 8's are there each of which is exactly divisible by its immediate preceding as well as succeeding numbers ?
- 2 8 3 8 2 4 8 2 4 8 6 8 2 8 2 4 8 3 8 2 8 6
- (A) Five
(B) Four
(C) Two
(D) One
78. Find out the wrong number in the series
10, 26, 74, 218, 654, 1946, 5834 :
- (A) 74
(B) 218
(C) 654
(D) 1946
79. Three of the following four are alike in a certain way and hence form a group. Which is the one that does not belong to that group ?
- (A) GCU
(B) ECO
(C) FDX
(D) DBJ
80. How many times in a day, are the hands of a clock in straight line but opposite in direction ?
- (A) 20
(B) 22
(C) 24
(D) 48

81. In a row of boys, 'A' who is 10th from the left and 'B' who is 9th from the right, interchange their positions. If 'A' becomes 15th from the left, then how many boys are there in the row ?

- (A) 23
- (B) 27
- (C) 28
- (D) 31

82. A horse is facing north. It turns 90 degrees in the clockwise direction, then 180 degrees in the anti-clockwise and then another 90 degrees in the same direction. Which direction is the horse facing now ?

- (A) East
- (B) South
- (C) South-west
- (D) South-east

83. **Indolence** is related to **Work**. In the same way **Taciturn** is related to :

- (A) Speak
- (B) Observe

- (C) Cheat
- (D) Act

84. A certain number of horses and an equal number of men are going somewhere. Half of the owners are on their horses' back while the remaining ones are walking along leading their horses. If the number of legs walking on the ground is 70, how many horses are there ?

- (A) 8
- (B) 10
- (C) 12
- (D) 14

85. Complete the following series by choosing the best from among the alternatives given below the question :

KPA, LQB, MRC, NSD,

- (A) IJOT
- (B) OTE
- (C) EOT
- (D) TOE

86. Complete the following Analogy :

Grain : Stock :: Stick : ?

- (A) Bundle
- (B) String
- (C) Collection
- (D) Heap

87. A man can row at 5 km per hr in still water. If the velocity of current is 1 km per hr and it takes him 1 hour to row to a place and come back, how far is the place ?

- (A) 3.0 km
- (B) 2.5 km
- (C) 2.4 km
- (D) 3.6 km

88. Fact 1 : All dogs like to run.

Fact 2 : Some dogs like to swim.

Fact 3 : Some dogs look like their masters.

If these three statements are facts (true statements), then which of the

following statements (labelled I, II and III), must also be a fact ?

- I. All dogs who like to swim look like their masters.
- II. Dogs who like to swim also like to run.
- III. Dogs who like to run do not look like their masters.

- (A) I only
- (B) II only
- (C) II and III only
- (D) None of the statements is a known fact

89. Five bells begin to toll together and toll respectively at intervals of 6, 5, 7, 10 and 12 seconds. How many times will they toll together in one hour excluding the one at the start ?

- (A) 7 times
- (B) 8 times
- (C) 9 times
- (D) 11 times

90. There are five books of different thickness. A is thicker than C and B is thicker than D. E is not as thick as B, but is thicker than C. D is not as thick as C. Which is the thinnest book ?

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

91. A and B take part in a 100 m race. A runs at 5 km per hour. A gives B a start of 8 m and still beats him by 8 seconds. The speed of B is :

- (A) 4.14 km per hr
- (B) 5.15 km per hr
- (C) 4.25 km per hr
- (D) 4.40 km per hr

92. The question below consists of a question and two statements numbered I and II given below it. You

have to decide whether the data provided in the statements are sufficient to answer the question.

Question : How much money do Vivek and Suman have together ?

Statements :

I. Suman has 20 rupees less than what Tarun has.

II. Vivek has 30 rupees more than what Tarun has.

(A) I alone is sufficient while II alone is not sufficient

(B) II alone is sufficient while I alone is not sufficient

(C) Either I or II is sufficient

(D) Neither I nor II is sufficient

93. In a certain code, if PERINATH is written as QFQHOBSG and POLE as QPKD, how will SYNDROME be written in that code ?

(A) RXOEQNNF

(B) TZOEQNLD

(C) TZMCSPKD

(D) TZMCSPLD

TZMCSPLD



94. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

abca _ bcaab _ ca _ bbc _ a

- (A) ccaa
- (B) bbaa
- (C) abac
- (D) abba

95. The true discount on a bill due 9 months hence at 16% per annum is Rs. 189. The amount of the bill is :

- (A) Rs. 1,386
- (B) Rs. 1,764
- (C) Rs. 1,575
- (D) Rs. 2,268

96. There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group. Who is the mother ?

- (A) A

- (B) B

- (C) C

- (D) E

97. Today is 3rd November. The day of the week is Monday. This is a leap year. What will be the day of the week on this date after 3 years ?

- (A) Thursday
- (B) Tuesday
- (C) Wednesday
- (D) Monday

98. The sum of three numbers is 136. If the ratio between first and second is 2 : 3 and that between second and third is 5 : 3, then the second number is :

- (A) 40
- (B) 48
- (C) 60
- (D) 72

99. The least number which when divided by 5, 6, 7 and 8 leaves a remainder 3, but when divided by 9 leaves no remainder, is :

- (A) 1677
- (B) 1683
- (C) 2523
- (D) 3363

100. If a wire is bent into the shape of a square, then the area of the square is 81 sq cm. When the wire is bent into a semi-circular shape, then the area of the semi-circle will be :

- (A) 22 cm^2
- (B) 44 cm^2
- (C) 77 cm^2
- (D) 154 cm^2

STATE SELECTION BOARD
DEPARTMENT OF HIGHER EDUCATION, BHUBANESWAR – 09

THE SCORING KEY TO JR. ASSISTANTS AND JR. STENOGRAPHERS OF DIFFERENT
UNIVERSITIES OF ODISHA, EXAMINATION HELD ON 20.12.2020 (ADV. NO.004/2020)

Question No	Answer Key	Question No	Answer Key	Question No	Answer Key	Question No	Answer Key
1	C	26	A	51	D	76	B
2	C	27	A	52	B	77	C
3	A	28	A	53	C	78	C
4	C	29	B	54	B	79	D
5	C	30	A	55	A	80	B
6	C	31	B	56	D	81	A
7	B	32	A	57	C	82	B
8	D	33	B	58	A	83	A
9	B	34	D	59	B	84	D
10	B	35	B	60	D	85	B
11	A	36	B	61	B	86	A
12	C	37	B	62	C	87	C
13	C	38	C	63	A	88	B
14	C	39	C	64	B	89	B
15	B	40	A	65	C	90	B
16	D	41	A	66	D	91	A
17	C	42	C	67	B	92	D
18	C	43	A	68	C	93	D
19	B	44	B	69	D	94	C
20	A	45	C	70	B	95	B
21	B	46	C	71	A	96	D
22	B	47	C	72	C	97	A
23	A	48	C	73	B	98	C
24	C	49	A	74	D	99	B
25	D	50	D	75	C	100	C


Secretary