

**SCHOOL OF PLANNING AND ARCHITECTURE, BHOPAL**

Written Test for the post of Junior Assistant

Date of Examination: 20/01/2024

**Max. Marks. 80**

**Duration: 90 minutes**

**Name of the Candidate:**

**Roll no. of the candidate:**

\_\_\_\_\_

\_\_\_\_\_

**INSTRUCTIONS**

1. Mark 'Cross' (X) for your selected option on the answer sheet provided along with the question paper.
2. If more than one option is marked for a question using 'Cross' (X), that question/answer will not be considered for evaluation
3. Ensure that the symbol 'Cross' (X) does not cross the box.
4. Write 'Cross' (X) legibly and clearly.
5. No other symbol apart from 'Cross' (X) shall be used for indicating your answer.
6. Your answer shall not be considered for evaluation if any other symbol apart from 'Cross' (X) is used.
7. Do not make any mark/drawing or markings on the question/answer sheet.
8. No candidate shall be permitted to leave the Examination Room/ Hall before the end of the examination.
9. Question/ Answer sheet will not be given back once the candidate submits the sheet.
10. There will be no negative marking for wrong answers.
11. Use only Black/ Blue Ball Point pen(s) for marking your option.
12. Mobile phones, electronic gadgets/materials are not allowed inside the examination Hall.
13. A separate sheet has been provided for rough work. No rough work is allowed on the question/ answer sheet or any other paper other than the allocated space.
14. Furnish all information required on the question booklet such as Roll Number, Name of the candidate and signature, failing which the question booklet will not be evaluated. The candidate shall write only their Roll Number on the answer sheet.
15. Each question shall carry one mark.
16. A candidate must fill in the blank spaces given at the end of the Answer sheet.

Total no. of pages: .....

Questions attempted out of 80: \_\_\_\_

Signature of the candidate

Signature of the Invigilator

**Read the following passage and answer the questions from SI no. 01-05**

Nature was the worst enemy of man in the past. He lived under the continued threat of famine and other epidemics. A wet summer could bring death to whole nations, and every winter was a menace. Mountains stood like a barrier and sea was less a highway than an impassable division. Today nature, though still an enemy, is an enemy almost completely conquered. Modern transportation has made the resources of the entire planet accessible to all its inhabitants. Modern medicine and sanitation allow dense population to cover the ground without risk of pestilence. True, we are still at the mercy of the more violent nature convulsions. Against earthquake, flood and hurricane man has yet devised no adequate protection. But these major cataclysms are rare. At most times nature is no longer formidable, it has been subdued.

1. In ancient times man had an apprehension of
  - A. Epidemics
  - B. Floods
  - C. Severe droughts
  - D. All the three above
  
2. Modern medicine has helped man
  - A. To live longer everywhere in the world
  - B. To live a healthy life in hygienic conditions
  - C. To live in thickly populated areas without fear of epidemics
  - D. Balance population with available resources
  
3. Man has not succeeded in controlling the furies of
  - A. Earthquakes
  - B. Floods
  - C. Hurricanes
  - D. All the above
  
4. Which one of the following statements best reflects the underlying conviction of the passage
  - A. Man can do wonders
  - B. Man's Knowledge has no end
  - C. Man has been able to control nature to a great extent
  - D. Man has been able to control nature completely
  
5. The modern transport system is a blessing as it-
  - A. Has helped decrease the distances between towns and villages
  - B. Has brought comfort to both towns and villages
  - C. Has made all the commodities available to everyone
  - D. Has encouraged people to travel for pleasure

6. Choose the correct sentence from the following four options:
- |   |  |
|---|--|
| A. My uncle's jeep, while it was 20 years old, had begun to fall apart. | C. My uncle's jeep, that was 15 years old, had been to fall apart.   |
| B. My uncle's jeep, was 15 years old, had begun to fall apart.          | D. My uncle's jeep, which was 15 years old, had begun to fall apart. |
7. A state in which the few govern the many is called.....
- |              |               |
|--------------|---------------|
| A. Monarchy  | C. Oligarchy  |
| B. Autocracy | D. Plutocracy |
8. A nap after lunch is called
- |             |                  |
|-------------|------------------|
| A. Idealize | C. Barrio        |
| B. Siesta   | D. Sleep Walking |
9. A set of instructions telling the computer what to do is called
- |               |              |
|---------------|--------------|
| A. Mentor     | C. Compiler  |
| B. Instructor | D. Programme |
10. Income of A is greater than the income of B by 25%. Income of B is how many percent lesser than that of A.
- |        |        |
|--------|--------|
| A. 25% | C. 22% |
| B. 30% | D. 20% |
11. The least square number which is exactly divisible by 4, 8 and 12 is
- |        |        |
|--------|--------|
| A. 144 | C. 196 |
| B. 64  | D. 400 |
12. The square root of 0.09 is
- |         |           |
|---------|-----------|
| A. 0.03 | C. 0.033  |
| B. 0.3  | D. 0.0333 |
13. Angles of triangle are in the ratio 2:4:3. The smallest angle of the triangle is
- |        |        |        |        |
|--------|--------|--------|--------|
| A. 60° | B. 40° | C. 80° | D. 20° |
|--------|--------|--------|--------|
14. Rohan starting from a fixed point goes 15 km towards north and then after turning to his right, he goes 15 km. Then he goes 10, 15 and 15 km after tuning to his left each time. How far is he from his starting point ?
- |          |          |          |          |
|----------|----------|----------|----------|
| A. 10 km | B. 20 km | C. 15 km | D. 05 km |
|----------|----------|----------|----------|





31. Which of the following statements is incorrect in respect of writing email?

- |  |  |
|--|--|
| A. We cannot add more than one email address in the 'To' field | C. We can leave 'Cc' field blank                           |
| B. We can leave 'Bcc' field blank                              | D. The 'To' and 'Cc' fields are often used interchangeably |

In the following question nos. 32 and 33, out of the four alternatives, choose the one which best expresses the opposite meaning of the given word.

32. Nefarious

- |              |              |
|--------------|--------------|
| A. lacking   | C. benign    |
| B. emperious | D. neglected |

33. Noisome

- |             |           |
|-------------|-----------|
| A. clean    | C. sleepy |
| B. fragrant | D. dirty  |

34. Which part of the following sentence contains a grammatical error?

No sooner the bell rang than the teacher entered the class.

- |                            |                      |
|----------------------------|----------------------|
| A. No sooner the bell rang | C. entered the class |
| B. than the teacher        | D. No error          |

35. Which part of the following sentence contains a grammatical error?

Nobody offered to give up their seat to the lady holding her child in her arms.

- |                              |                                  |
|------------------------------|----------------------------------|
| A. Nobody offered to give up | C. holding her child in her arms |
| B. their seat to the lady    | D. No error                      |

36. The number that must be added to each of the numbers 8, 21, 13 and 31 to make the ratio of first two numbers equal to the ratio of last two numbers is

- |      |      |
|------|------|
| A. 5 | C. 9 |
| B. 7 | D. 3 |

37. The radius of a sphere is increased by 10%. The surface area increases by -

- |        |                  |
|--------|------------------|
| A. 21% | C. 41%           |
| B. 31% | D. None of these |



44. The flats of which of other pairs than SU is diagonally opposite to each other?
- |       |       |
|-------|-------|
| A. QP | C. PT |
| B. QR | D. TS |
45. Who among the following started the Bhoodan Movement?
- |                        |                     |
|------------------------|---------------------|
| A. Jayaprakash Narayan | C. Acharya Kriplani |
| B. Vinoba Bhave        | D. Mahatma Gandhi   |
46. Oncology is the study of -
- |            |             |
|------------|-------------|
| A. birds   | C. mammals  |
| B. cancers | D. The soil |
47. How many medals has India won in Asian Games 2023?
- |        |        |
|--------|--------|
| A. 101 | C. 105 |
| B. 103 | D. 107 |
48. Chandrayaan-3 has successfully soft landed on the South Pole of Moon on-
- |                       |                       |
|-----------------------|-----------------------|
| A. 23 August, 2023    | C. 24 September, 2023 |
| B. 23 September, 2023 | D. 24 August, 2023    |
49. Choose the word which best expresses the meaning of the given word  
"REPEAL"
- |               |           |
|---------------|-----------|
| A. Sanction   | C. Pass   |
| B. Perpetuate | D. Cancel |
50. Choose the alternative which can be substituted for the given word/sentence.  
"That which cannot be corrected"
- |                   |              |
|-------------------|--------------|
| A. Unintelligible | C. Illegible |
| B. Indelible      | D. Incurable |
51. Select the most appropriate adverb to fill in the blank.  
They supplied the required human resource.....
- |                |          |
|----------------|----------|
| A. faultlessly | C. clear |
| B. heavy       | D. able  |
52. The sum of the ages of husband and wife at present is 100. Ten years ago the ratio of their ages was 9:7. What is the age of the husband:
- |             |             |             |             |
|-------------|-------------|-------------|-------------|
| A. 45 years | B. 55 years | C. 65 years | D. 40 years |
|-------------|-------------|-------------|-------------|





63. The total number of members nominated by the President to the Lok Sabha and the Rajya Sabha is:  
 A. 16                                      B. 18                                      C. 14                                      D. 12
64. Excess demand in an economy may give birth to:  
 A. Deflationary gap                                      C. Low level of employment  
 B. Inflationary gap                                      D. Excess capacity
65. James will have applied for a job by the time you ..... from vacation  
 A. to get back                                      C. gets back  
 B. get back                                      D. getting back
66. Cyber bullying, which is increasingly ..... a problem, is also going to be a risk when your child has unlimited access to a smart phone  
 A. has become                                      C. becomes  
 B. becoming                                      D. became
67. Rekha said "It is my car". Convert it into indirect speech  
 A. Rekha said that it is my car                                      C. Rekha said that it was my car  
 B. Rekha said that it is her car                                      D. Rekha said that it was her car
68.  $103 \times 107$   
 A. 1021                                      C. 1102  
 B. 11021                                      D. 10021
69. If  $P-1$ ,  $P+1$  and  $2P+3$  are in AP, then the value of  $P$  is  
 A. -2                                      C. 0  
 B. 4                                      D. 2
70. Find the volume of a sphere whose surface area is  $154 \text{ cm}^2$   
 A.  $170.33 \text{ cm}^3$                                       C.  $175.66 \text{ cm}^3$   
 B.  $185.66 \text{ cm}^3$                                       D.  $179.66 \text{ cm}^3$
71. The distance between the two points  $(2,3)$ ,  $(4,1)$  is  
 A.  $2\sqrt{2}$                                       C.  $2\sqrt{3}$   
 B.  $4\sqrt{2}$                                       D.  $3\sqrt{2}$
72. The mode of  $37,6,9,16,27,37,48,16,28,7,16$  is  
 A. 37                                      B. 16                                      C. 7                                      D. No mode

73. 512, 49, 216, 25, ..... ?

- A. 8  
B. 27  
C. 64  
D. 36

74. A woman introduces a man as the son of the brother of her mother. How is the man related to the woman?

- A. nephew  
B. uncle  
C. cousin  
D. son

75. If CUP = 40, then KITE =?

- A. 10  
B. 20  
C. 30  
D. 45

76.  $2 \times ? - 6 = 676/26$ . What will come in place of question mark?

- A. 9  
B. 15/26  
C. 16  
D. 26

77. Constitution Day in India is celebrated every year on

- A. 26<sup>th</sup> October  
B. 26<sup>th</sup> November  
C. 26<sup>th</sup> December  
D. 26<sup>th</sup> January

78. What was the aim of Chipko Movement

- A. Human Rights  
B. Political Rights  
C. Agricultural expansion  
D. Forest conservation

79. Which are the semifinalist teams in the cricket one day world cup 2023

- A. India, Srilanka, South Africa, Pakistan  
B. South Africa, India, Australia, Newzealand  
C. Newzealand, Australia, Afghanistan, Pakistan  
D. Srilanka, India, Newzealand, Australia

80. Which of the following scheme provides education to girls and their welfare

- A. One stop centre scheme  
B. UJJWALA scheme  
C. Beti Bachao Beti Padhao  
D. Swadhar scheme

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**ANSWER SHEET**

**ROLL NUMBER OF THE CANDIDATE:**

Q.				
1				D
2			C	
3				D
4			C	
5			C	
6				D
7			C	
8		B		
9				D
10				D
11	A			
12		B		
13		B		
14	A			
15		B		
16	A			
17				D
18	A	B	C	D
19				D
20		B		

Q.				
21		B		
22	A			
23				D
24	A			
25			C	
26			C	
27		B		
28			C	
29			C	
30			C	
31	A			
32			C	
33		B		
34	A			
35		B		
36	A			
37	A			
38				D
39			C	
40		B		

Q.				
41			C	
42	A			
43			C	
44	A			
45		B		
46		B		
47				D
48	A			
49				D
50				D
51	A			
52		B		
53			C	
54		B		
55		B		
56		B		
57		B		
58				D
59				D
60	A			

Q.				
61		B		
62		B		
63			C	
64		B		
65		B		
66		B		
67				D
68		B		
69			C	
70				D
71	A			
72		B		
73			C	
74			C	
75				D
76			C	
77		B		
78				D
79		B		
80			C	

Total questions attempted by the Candidate: \_\_\_\_\_

Number of answers marked more than one option: \_\_\_\_\_

I hereby declare that the information given above is correct.

Signature of the Candidate \_\_\_\_\_

Signature of the Invigilator \_\_\_\_\_

Note: All candidates were awarded marks for Question No. 18 of the question paper.