<table>
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<th>IMPORTANT:-- Read the following instructions carefully. Do not mark answers on the question booklet, otherwise you may be debarred from the selection process.</th>
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</thead>
</table>
| 1. Before commencing to answer, check that the Question Booklet has 120 questions. Each Question Booklet will be in different series (combination of booklet code no. and series). You must write correct Booklet Code No. and Question Booklet Series on your OMR Answer Sheet. Further check that there is no misprinting, overprinting and/or any other shortcoming in it. If there is any shortcoming in the question booklet, intimate the same to your room invigilator and take a fresh question booklet. No complaint in this regard shall be entertained at any later stage.  
**IMPORTANT NOTE:** The OMR Answer Sheet will be evaluated with a combination of question booklet series and booklet code no. hence you must write correct question booklet series and booklet code no. Any mistake in filling any of them will lead to invalidation of your OMR Answer Sheet. Also in case of non filling of question booklet series and booklet code no. the OMR Answer Sheet will not be evaluated and its sole responsibility lies on the candidate. |
| 2. There shall be negative marking. 1/3 mark will be deducted for wrong answer. Each question carries equal mark. Also refer OMR Sheet for detailed instruction. |
| 3. Ask invigilator to sign on your admit card. If the same is not got signed by you, your candidature shall be liable to be rejected. |
| 4. This is an objective type test in which each objective question is followed by four responses serialled (1) to (4). Your task is to choose the correct/best response and mark your response in the OMR Answer Sheet only as per the instructions given and NOT in the Question Booklet. |
| 5. Use Blue/Black Ball Point Pen for all your work on the OMR Answer Sheet. The ovals on the OMR Answer Sheet are to be completely filled by Blue/Black Ball Point Pen only. ANSWERS ONCE GIVEN CAN NOT BE CHANGED. |
| 6. DO NOT scribble or do rough work or make any stray marks on the Answer Sheet. DO NOT wrinkle or fold or staple it. |
| 7. Use of Calculators, Slide rules, Mobiles, calculator watches or any such devices and any other study/reference material is NOT allowed inside the examination hall. |
| 8. Rough Work is to be done in the blank space provided in the Question Booklet, not on the OMR Answer Sheet. No other paper will be allowed/provided for rough work. |
| 9. Return the complete Question Booklet and OMR Answer Sheet to the invigilator on completion of the test. Do not take this Question Booklet or any part thereof or OMR Answer Sheet outside the examination room. **Doing so is a punishable offence.** |
| 10. Take care that you mark only one answer for each question. If more than one answer is given by you for any question, the same will not be evaluated. Cutting/overwriting the answers are not allowed. Further question paper is bilingual (Hindi/English). In case of any variation in Hindi version, English version will be taken as final for evaluation purposes. |
1. To mark 800th anniversary of Magna Carta (1215), four surviving copies of the world most important documents of parliamentary democracy were recently brought together as a part of celebrations in:

(1) Washington  (2) Delhi  
(3) London  (4) Kathmandu

2. The so called “bad” cholesterol in the serum is:

(1) HDL  (2) VLDL  
(3) LDL  (4) All of these

3. The foremost cause of blindness in India, according to official data is:

(1) Glaucoma  (2) Diabetic Retiropathy  
(3) Cataract  (4) Refractive error

4. Recently which ministry has launched two schemes namely–venture capital fund for S.C. and Green business scheme:

(1) Ministry of Finance  (2) Ministry of Social Justice & Empowerment  
(3) Ministry of Commerce & Industry  (4) Ministry of Minority affairs

5. One of the pioneering robots, that went missing into space almost a decade ago, has been recently found on the surface of red planet. Name it:

(1) Beagle 2  (2) Mars–2 Prop–M. Rover  
(3) Mars Rover  (4) Spirit (MER–A)

6. Who among the following were well known for their study on poverty in India:

(1) V.M. Dandekar  (2) Neel Kanth  
(3) Raghuram Rajan  (4) (1) & (2) Both

7. Who was appointed the first chief executive officer of National Institution for transforming India:

(1) Arvind Panagariya  (2) Bibek Debroy  
(3) Ms Sindhushree Khullar  (4) Ms Saraswathi Menon

8. Panchsheel agreement was signed between:

(1) India & Bangladesh  (2) India & China  
(3) India & Pakistan  (4) India & America

9. International Monetary Fund is headquartered at:

(1) Washington  (2) New York  
(3) Geneva  (4) Paris

10. The correct answer is (1) London.
10. Contour lines on a map join places of:
   (1) Equal mean atmospheric pressure
   (2) Equal average temperature
   (3) Equal rainfall
   (4) Equal height above sea level

11. A writ, which is in the nature of command issued by the court asking a public authority to perform a public duty which it is bound to perform or to refrain from performing a particular act which it should not perform, is called:
   (1) Certiorari
   (2) Habeas corpus
   (3) Mandamus
   (4) Quo warranto

12. The capillary action phenomenon of water climbing up a narrow tube dipped in water is due to:
   (1) Surface friction
   (2) Surface tension
   (3) Atmospheric pressure
   (4) Differential temperature

13. The Present strength of Rajya Sabha members is ...... out of which ...... are representatives of states and union territories of Delhi and Puducherry and ...... are nominated by president:
   (1) 245, 233, 12
   (2) 250, 238, 12
   (3) 247, 235, 12
   (4) 248, 236, 12

14. As per the constitution of India, the state legislature shall consist of:
   (1) Governor, Legislative Council, Legislative Assembly
   (2) Governor, Legislative Assembly where there is no legislative council
   (3) Chief Minister, Governor, Legislative Council, Legislative assembly
   (4) Either (1) or (2)

15. Garuda-V concluded recently, is a joint exercise between the air forces of India and:
   (1) Japan
   (2) Canada
   (3) Russia
   (4) France

16. 20 men can finish a work in 30 days. On completion of 10 days, 10 men leave work. Remaining men work for next 10 days. At the end of 20 days it is decided to complete the work in remaining 10 days. How many extra men are required:
   (1) 20
   (2) 25
   (3) 15
   (4) 10

17. A machinist by increasing his normal rate of work by $12\frac{1}{2}\%$ could produce 15 items more, in a given period of time. How many items can he produce if he works at 80% of his normal rate:
   (1) 100
   (2) 90
   (3) 80
   (4) 96
18. The average age of 10 students is 15 years. When 5 new students joined, the average age rose by one year. The average age in years of the new students is:
   (1) 16 (2) 16 (3) 15 (4) 17

19. In an examination a student scores 1 mark for each correct answer and 0.25 marks are deducted for each wrong answers. If he attempts all 120 questions and secures 90 marks, the number of questions he attempts correctly is:
   (1) 100 (2) 106 (3) 96 (4) None of these

20. The difference between \( \frac{3}{4} \) of 64 and \( \frac{2}{3} \) of 48 is equal to:
   (1) 24 (2) 20 (3) 32 (4) 16

21. Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:
   (1) 39, 30 (2) 41, 32 (3) 32, 33 (4) 43, 34

22. The cost price of 19 mangoes is equal to the selling price of 16 mangoes. The gain percent is:
   (1) \( \frac{9}{17} \)% (2) \( \frac{15}{19} \)% (3) \( \frac{10}{3} \)% (4) 20%

23. A hemispherical bowl of internal radius 9 cm contains a liquid. This liquid is to be filled into cylindrical shaped small bottles of a diameter 3 cm and height 4 cm. How many bottles will be needed to empty the bowl?
   (1) 45 (2) 54 (3) 35 (4) 48

24. Which of the following is the rate percent per annum which would give difference in amount of interest equal to ₹ 20 for ₹ 1200 in 3 years and for ₹ 800 in 4 years?
   (1) 2.5 (2) 3 (3) 5 (4) None of these

25. In a class, the ratio of boys to girls is 4:5. Half of the boys and half of the girls participated in the youth festival. \( \frac{1}{6} \), i.e, 30 of the total student population participated in the NCC camp. What is the number of girl students in the class?
   (1) 80 (2) 100 (3) 120 (4) 150
26. Three wheels make 60, 36 and 24 revolutions per minute. Each has a red spot on its rim, which is at the lowest position at time zero. The red spot will all be at this position again after:

(1) 2 seconds  (2) 5 seconds
(3) 4 seconds  (4) None of these

27. If \(2 \log_x (x-2) = \log_x 4\), then the value of \(x\) is:

(1) 1  (2) 3
(3) 4  (4) 2

28. Which of the following is the largest number?

(1) \(3^{1/3}\)  (2) \(5^{1/5}\)
(3) \(2^{1/2}\)  (4) \(7^{1/7}\)

29. In a throw of two dice, the probability of getting a sum of 9 or 11 is:

(1) \(2/9\)  (2) \(7/9\)
(3) \(5/9\)  (4) None of these

30. The triangle joining the points (2, 7), (4, –1), (–2, 6) is:

(1) Equilateral
(2) Right angled
(3) Isosceles
(4) None of these

DIRECTIONS: For answering questions, study the diagram which is represented as follows and select the appropriate choice.

ABDE represents Artists
FGHI represents Scientists
JKLM represents Administrators
OPQN represents healthy people

31. Scientists who are also artists but in not good state of health belong to the area:

(1) 4  (2) 5
(3) 9  (4) 10

32. Buffalo : Leather : : Sheep:

(1) Wool  (2) Cotton
(3) Fur  (4) Silk

32. तीन पहिये 60, 36 एवं 24 चकर प्रतिमिन्त लगाते हैं। प्रत्येक के रिम पर एक लाल बाँध है। जो कि दूरी कहल पर निम्नतम स्थिति पर है। लाल बाँध पुनः उसी स्थिति पर होने के लिए नया प्रवाहातः

(1) 2 सेकंड  (2) 5 सेकंड
(3) 4 सेकंड  (4) इनमें से कोई नहीं
DIRECTION: Select the choice out of the given choices which gives the given words in the correct alphabetical order.

33. Nasal, New, Nine, Noble:
   (1) Noble, New, Nasal, Nine
   (2) Nine, Noble, New, Nasal
   (3) Nasal, New, Nine, Noble
   (4) New, Nasal, Nine, Noble

34. Five students participated in an examination and each scored different marks. Naina scored higher than Meena. Kamla scored lower than Praveen but higher than Naina. Anuj’s score was between Meena and Naina. Which of the following pairs represents the highest and the lowest scores respectively?
   (1) Praveen, Naina
   (2) Naina, Praveen
   (3) Praveen, Anuj
   (4) Praveen, Meena

35. Question figure

DIRECTIONS: At a public meeting there were 8 speakers A, B, C, D, E, F, G and H. Each spoke for some time according to the following scheme–
I. ‘A’ spoke after ‘F’ and took more time than ‘B’
II. ‘C’ spoke before ‘G’ and after ‘B’ and took less time than E.
III. ‘D’ spoke after ‘H’ and before ‘B’ and took less time than ‘H’, but more time than ‘E’.
IV. ‘H’ spoke after ‘A’ and took less time than ‘B’

36. Who spoke for the longest time?
   (1) A
   (2) B
   (3) C
   (4) D

DIRECTION: Some words have been coded but no specific code is indicated. Use your judgement to pick the coded word which represents the given word the best.

37. RECOMMEND:
   (1) 1 5 4 9 5 2 4 7
   (2) 1 5 6 7 2 2 5 4 3
   (3) 2 2 7 9 1 2 8 1
   (4) 5 6 6 7 1 2 8 1
38. If $BAT = 69$ and $BOOK = 172$, then $PEN =$ ?
   (1) 66 (2) 105 (3) 144 (4) 183

39. In a certain code language 'bring the white board' is
   written as 'ka na di pa' and 'White and black board' is
   written as 'na di sa ra'. How is 'the' written in that
   code?
   (1) ka (2) pa (3) ka or pa (4) ra

40. If $M+N$ means $M$ is brother of $N$, $M/N$ means $M$ is father
   of $N$ and $M \times N$ means $M$ is sister of $N$. Which of the
   following means $A$ is uncle of $B$?
   (1) $A/C \times B$ (2) $C \times B/A$ (3) $A + D/E/B$ (4) $A + G/H \times B$

41. JE, LH, OL, SQ, ____
   (1) WV (2) WX (3) VW (4) XW

42. 'B', the son of 'A' was wedded to 'C' where as 'D' was
   married to 'E'. If $E$ is the brother of 'B', how is 'D'
   related to 'A'?
   (1) Daughter-in-law (2) Daughter (3) Sister (4) Cousin

43. Sonu starts from his home towards the South. After
   walking for 60 m, he turns right and goes for 40 m. He
   turns right again and walks for 80 m before turning
   left. He then walks for 30 m and reaches his school.
   How far is his school from his home and in which
direction?
   (1) $10\sqrt{43}$ m, North East
   (2) $10\sqrt{13}$ m, North West
   (3) $10\sqrt{53}$ m, North West
   (4) None of these

Directed: In the following number series only one number
is wrong. Find out the wrong number.

44. 4, 9, 21, 49, 101
   (1) 21 (2) 49 (3) 101 (4) None of these

45. Pick the odd one out.
   (1) Copper (2) Tin (3) Zinc (4) Brass

46. If $M+N$ means $M$ is brother of $N$, $M/N$ means $M$ is father
   of $N$ and $M \times N$ means $M$ is sister of $N$. Which of the
   following means $A$ is uncle of $B$?
   (1) $A/C \times B$ (2) $C \times B/A$ (3) $A + D/E/B$ (4) $A + G/H \times B$
TECHNICAL APTITUDE

46. A voltmeter is used:
   (1) To measure current
   (2) In series with the circuit
   (3) In parallel with the circuit
   (4) To measure coulombs

47. What is the color code for a 220Ω 5% resistor?
   (1) Red, Red, Brown, Gold
   (2) Orange, Orange, Black, Gold
   (3) Red, Red, Black, Gold
   (4) Red, Red, Brown, Silver

48. LCD stands for:
   (1) Liquid crystal device
   (2) Liquid crystal display
   (3) Logic crystal display
   (4) Logic crystal device

49. Universal gates are:
   (1) AND, OR
   (2) AND, NOT
   (3) OR, NOT
   (4) NAND, NOR

50. AND act as a:
   (1) Parallel circuit
   (2) Series circuit
   (3) Series-Parallel circuit
   (4) None of above

51. The phase shift occur in:
   (1) CE amplifier
   (2) CB amplifier
   (3) CC amplifier
   (4) None of above

52. If two resistance of 660Ω are connected in parallel, the total (or equivalent) resistance is:
   (1) 330Ω
   (2) 1320Ω
   (3) 66Ω
   (4) None of these

53. The capacitive reactance of a 0.01µF capacitor to a frequency of 100KHz will be:
   (1) 0.006Ω
   (2) 15Ω
   (3) 115Ω
   (4) 159Ω

54. A super heterodyne radio receiver with an IF of 455 KHz is tuned to a signal at 1205 KHz, the image frequency is:
   (1) 910 KHz
   (2) 1660 KHz
   (3) 2865 KHz
   (4) None of these
55. The number of bits in a Byte is:
   (1) 2
   (2) 8
   (3) 4
   (4) 16

56. The output of a two input NAND gate is low:
   (1) Only if both the inputs are high
   (2) Only if both the inputs are low
   (3) Only if one input is high and the other is low
   (4) Only if at least one of the input is low

57. In Radar display system PPI stands for:
   (1) Pulse position indicator
   (2) Phase position indicator
   (3) Plan position indicator
   (4) Point position indicator

58. A differentiator circuit acts like a:
   (1) Band pass filter
   (2) Band stop filter
   (3) Low pass filter
   (4) High pass filter

59. A squelch circuit in a TV receiver is used to:
   (1) Cut off IF when AGC is maximum
   (2) Cut off audio amplifier when carrier is absent
   (3) Cut off IF when AGC is inoperative
   (4) Cut off brightness circuit when AGC is inoperative

60. The internal impedance of a source is 3 + j 4Ω, it is desired to supply maximum power to a resistive load. The load resistance should be:
   (1) 3Ω
   (2) 4Ω
   (3) 7Ω
   (4) None of these

61. In which amplifier the output current flows even there is no input signal:
   (1) Class-A
   (2) Class-B
   (3) Class-C
   (4) Class-AB

62. ‘Heat Sink’ is generally attached with:
   (1) Base of transistor
   (2) Emitter of transistor
   (3) Collector of transistor
   (4) None of these

63. Number of ‘side bands’ produced during A.M.:
   (1) One
   (2) Two
   (3) Four
   (4) Unlimited

64. Minimum Number of Flip-Flops required to construct a ‘DECADE COUNTER’:
   (1) 2
   (2) 4
   (3) 6
   (4) 8
65. The operation of Q meter is based on:
   (1) Hysteresis current
   (2) Eddy current
   (3) Series resonance
   (4) Mutual induction

66. Modems are used for data transmission telephone lines to:
   (1) Increase the transmission capacity
   (2) Improve noise performance
   (3) Incorporate error control coding
   (4) Eliminate dc components in the transmitted signal

67. In radar systems, the term ‘rat-race’ is used in connection with:
   (1) Modulator
   (2) Pulse characteristics
   (3) Receiver bandwidth
   (4) Duplexer

68. Which one of the following is capable of giving the highest data speed?
   (1) Coaxial cable link
   (2) Microwave LOS link
   (3) Microwave satellite system
   (4) Optical fibre system

69. The primary advantage of a crystal oscillator is that
   (1) It can oscillate at any frequency
   (2) It gives a high output voltage
   (3) Its frequency of oscillation remains almost constant
   (4) It operates on a very low dc supply voltage

70. A transistor is operated as a non-saturated switch to eliminate:
   (1) Storage time
   (2) Turn-off time
   (3) Turn-on time
   (4) Delay time

71. Which one of the following types of noise gains importance at high frequency?
   (1) Shot noise
   (2) Random noise
   (3) Impulse noise
   (4) Transistors noise

72. Equalising pulses in TV are sent during:
   (1) Horizontal blanking
   (2) Vertical blanking
   (3) Serrations (slots)
   (4) The horizontal retrace

73. Top loading is used with an antenna in order to increase its:
   (1) Effective height
   (2) Bandwidth
   (3) Beamwidth
   (4) Radiated power

74. क्षु (Q) मीटर का प्रयोग किस पर निर्माण होता है?
   (1) हिस्टरेसिस घरा
   (2) एड्डी घरा
   (3) श्रेणी अनुवाद
   (4) पारस्परिक प्रेरण

75. डेटाबास संक्रमण टेलीफोन लाइन में मोड्यूम का प्रयोग निम्न के लिए किया जाता है:
   (1) संक्रमण क्षमता बढ़ाना
   (2) रवि नियंत्रण बेहतर बनाना
   (3) सुंदर सिंचाई कोडिंग शामिल करना
   (4) संक्रमण सिनाप्त में dc पदार्थ का विलेपन

76. रेडर प्रणालियों में रेटरस शब्द का प्रयोग निम्न के संबंध में किया जाता है?
   (1) माइक्रोस्क्वॉर्टर
   (2) फ्लास विशेषताएं
   (3) प्राइमेर बैंडविड्थ
   (4) ड्यूज़ल्केसर

77. निम्न में से सबसे बड़ा गति देने में सबसे धारित है?
   (1) समवाय केबल लिंक
   (2) सूचना लोस लिंक
   (3) सूचना उपग्रह प्रणाली
   (4) प्रकाशीय फाइबर प्रणाली

78. फ्रेस्टल वोल्टम का मुख्य प्रयोग है?
   (1) यह किसी भी आवृत्ति पर दोलन कर सकता है
   (2) यह एक उच्च नियंत्रण वोल्टम प्रदान करता है
   (3) इसकी दोलन की आवृत्ति तथ्यक रूप से मूल नहीं है
   (4) यह आवृत्ति न्यून dc आवृत्ति वोल्टम पर कम करता है

79. एक डिपल्स्टर निम्न का विलेपन करने के लिए एक असंतुष्ट स्थिति पर कम करता है?
   (1) मंडिर स्थिति समय
   (2) टर्न आफ समय
   (3) टर्न ऐन समय
   (4) विलेपन समय

80. निम्न में से रवि की कौनसी कोटि को उच्च आवृत्ति पर महत्व प्राप्त होता है?
   (1) पत्ता रवि
   (2) यादृच्छिक रवि
   (3) आयन रवि
   (4) संक्रमण रवि

81. TV में समकालीन एक्सिस निम्न के दौरान भी जाती है?
   (1) अनुप्रयोग बांस
   (2) उपवाह बांस
   (3) स्टेटिजन (स्लॉट)
   (4) अनुप्रयोग रिट्रेस

82. निम्नमतिक में से क्या बढ़ाने के लिए किसी एटेना में शीर्ष भार का प्रयोग किया जाता है?
   (1) प्रभावी ऊँचाई
   (2) कैबिनेट
   (3) बीम की चौड़ाई
   (4) विद्युत शीर्ष
74. The main disadvantage of PCM is:
   (1) That it requires large bandwidths
   (2) Its inability to handle low frequency signals
   (3) Its incompatibilities with TDM
   (4) The high error rate due to quantizing noise

75. FM broadcast lies in:
   (1) HF band
   (2) VHF band
   (3) UHF band
   (4) SHF band

76. A 4 KHz signal is to be sent on the line using 10-bit PCM. The bit rate on the line is:
   (1) 8 kbps
   (2) 40 kbps
   (3) 80 kbps
   (4) None of these

77. The Ripple counters suffer from:
   (1) Propagation delays
   (2) Voltage spikes
   (3) Both the above
   (4) None of these

78. Which of the following systems is digital?
   (1) Pulse-position modulation
   (2) Pulse-code modulation
   (3) Pulse-width modulation
   (4) Pulse-frequency modulation

79. Delta modulation is equivalent to:
   (1) PWM
   (2) DPCM
   (3) PCM
   (4) PAM

80. FSK is used mostly in:
   (1) Radio transmission
   (2) Telegraphy
   (3) Telephony
   (4) None of these

81. In a series RLC High Q circuit, the current peaks at a frequency:
   (1) Equal to the resonant frequency.
   (2) Greater than the resonant frequency.
   (3) Less than the resonant frequency.
   (4) None of these.

82. Testing a good diode with an ohmmeter should indicate:
   (1) High resistance when forward or reverse biased
   (2) Low resistance when forward or reverse biased
   (3) High resistance when reverse biased and low resistance when forward biased
   (4) High resistance when forward biased and low resistance when reverse biased

83. The arrow in the schematic symbol of a diode points to:
   (1) The n-type material, which is called the anode
   (2) The n-type material, which is called the cathode
   (3) The p-type material, which is called the anode
   (4) The p-type material, which is called the cathode
84. Which is the DIAC?

(1) [Diagram]

85. Which of the following antenna is best excited from a waveguide?

(1) Biconical
(2) Horn
(3) Helical
(4) Discone

86. The fastest logic family used in high speed applications is:

(1) DTL
(2) TTL
(3) ECL
(4) RTL

87. Which is the volatile memory:

(1) RAM
(2) FLOPPY
(3) HARD DISK
(4) CD

88. What does the CRT oscilloscope display?

(1) Voltage and period
(2) Current and frequency
(3) RMS voltage and current
(4) Frequency and voltage

89. The β in a transistor configuration is current gain of:

(1) CB configuration
(2) CC configuration
(3) CD configuration
(4) CE configuration

90. What type of switch is this?

(1) Push button
(2) SPST
(3) DPDT
(4) SPDT

91. The op-amp circuit shown in figure, is that of a:

(1) Low-pass filter
(2) High-pass filter
(3) Band-pass filter
(4) Band-stop filter

92. With appropriate biasing, the transistor connection shown in figure can be used as:

(1) An amplifier
(2) A diode
(3) A resistor
(4) A capacitor

93. The op-amp circuit shown in figure, is that of a:

(1) Voltage follower
(2) Inverting amplifier
(3) Non-inverting amplifier
(4) Comparator
93. The wave form
\[100 \cos (2\pi \times 10^6 t) + 20 \cos (2 \times 10^3 t) \cos (2 \times 10^6 t)\]
represents:
1. AM with modulation index 5.0
2. AM with modulation index 0.2
3. FM with modulation index 5.0
4. FM with modulation index 0.2

94. A quarter wave loss less line is terminated in a capacitor. The input impedance will be:
1. Resistive
2. Capacitive
3. Inductive
4. Infinite

95. The output of the logic circuit shown in figure is:
\[\begin{align*}
A & \quad B & \quad Y \\
0 & \quad 0 & \quad 1 \\
0 & \quad 1 & \quad 0 \\
1 & \quad 0 & \quad 0 \\
1 & \quad 1 & \quad 1 \\
\end{align*}\]
1. \(Y = A\)
2. \(Y = B\)
3. \(Y = AB\)
4. \(Y = 0\)

96. The circuit shown in figure is that of a logic gate of the following type:
\[\begin{align*}
R & \quad A & \quad B & \quad Y \\
0 & \quad 0 & \quad 0 & \quad 0 \\
0 & \quad 1 & \quad 0 & \quad 1 \\
1 & \quad 0 & \quad 1 & \quad 1 \\
1 & \quad 1 & \quad 0 & \quad 0 \\
\end{align*}\]
1. OR
2. EXOR
3. NOR
4. NAND

97. The truth table given below
\[
\begin{array}{ccc}
\text{Inputs} & \text{Outputs} \\
A & B & Y \\
0 & 0 & 1 \\
0 & 1 & 0 \\
1 & 0 & 0 \\
1 & 1 & 1 \\
\end{array}
\]
Is that of the following gate:
1. EXOR
2. EXNOR
3. NAND
4. NOR

98. Microwave signals may follow the Earth’s curvature due to:
1. Troposcatter
2. Ducting
3. Ionospheric reflection
4. Faraday rotation

99. For direct reception of TV signals from a communication satellite, the type of antenna required is:
1. Horn
2. Parabolic
3. Chicken mesh
4. Loop

100. A J–K flip-flop can be converted to a D flip-flop by making:
1. \(J = K\)
2. \(J = \overline{K}\)
3. \(J = K = 1\) only
4. \(J = K = 0\) only
101. A practical transformer at no load behaves as a:
   (1) Resistance  (2) Lossy inductor  (3) Open circuit  (4) Short circuit

102. Zener diode is used for:
   (1) Rectification  (2) Amplification  (3) Stabilization  (4) None of the above

103. For a transistor to act as current amplifier:
   (1) Both its emitter–base junction and collector–base junction are forward biased.
   (2) Both its emitter–base junction and collector–base thin junction are reverse biased.
   (3) Its emitter–base junction is forward biased while collector–base junction is reverse biased.
   (4) Its emitter–base junction is reverse biased while collector–base junction is forward biased.

104. A MOSFET can be used as:
   (1) Resistor  (2) Capacitor  (3) Switch  (4) All the above

105. For operation of Depletion type MOSFET the gate voltage is kept:
   (1) Positive  (2) Highly positive  (3) Zero  (4) Negative

106. The input impedance of transistor is:
   (1) High  (2) Low  (3) Very high  (4) Almost zero

107. A common collector amplifier has:
   (1) High voltage gain but low current gain  (2) Low voltage gain and low current gain
   (3) High output impedance but low input impedance  (4) Low output impedance but high input impedance

108. The purpose of capacitor in a transistor amplifier is to:
   (1) To protect the transistor  (2) Cool the transistor
   (3) Couple or bypass a.c component  (4) Provide biasing

109. In DSB–SC transmission, the frequency which is not transmitted is:
   (1) The upper side frequency  (2) The lower side frequency  (3) Audio frequency
   (4) Carrier frequency

110. Indicate error detector out of the following:
   (1) Amplidyne  (2) Field controlled d.c. motor
   (3) Two phase motor  (4) Potentiometer
111. An ideal Op–Amp draws:
   (1) Zero current
   (2) Sum of the two input currents
   (3) Difference of the two input currents
   (4) Infinite current

112. The disadvantage of FM over AM is:
   (1) High modulating power is required
   (2) High transmitter power is required
   (3) Large bandwidth is needed
   (4) Noise is high for high frequency signals.

113. The device used for providing rate feedback voltage in positional control system is known as:
   (1) Tachogenerator
   (2) Potentiometer
   (3) Synchro transmitter
   (4) Synchro transformer

114. For servo application, the a.c. motor used is a:
   (1) Synchronous motor
   (2) Single phase induction motor
   (3) Three phase induction motor
   (4) Two–phase induction motor

115. Which of the following flip–flop is used as latch?
   (1) JK–FF
   (2) D–FF
   (3) RS–FF
   (4) T–FF

116. A 7477 decoder drives:
   (1) Seven segment display
   (2) Nixie tube
   (3) Relays
   (4) Diode matrix

117. Fundamental mode is another name for:
   (1) Level operation
   (2) Pulse operation
   (3) Clock operation
   (4) None of these

118. What is the peak-to-peak voltage of the waveform in the given circuit?
   (1) 2 V
   (2) 4 V
   (3) 6 V
   (4) 8 V

119. The main reason for the presence of crossover distortion in an amplifier is the:
   (1) Saturation of collector current
   (2) Biasing in class-B condition
   (3) Presence of tuned load in class-C operation
   (4) Non-linearity in the static characteristics curves of the transistors used

120. If one of the inputs of an XOR gate is high, the gate output will be:
   (1) Low
   (2) High
   (3) Same as the other input
   (4) Complement of the other input

111. एक आदर्श OP–Amp. कितनी धारा कर्षित (draw) करता है?
   (1) गूँत्य धारा
   (2) दो इनपुट धाराओं के योग के बराबर
   (3) दो इनपुट धाराओं के अन्तर के बराबर
   (4) अन्तर धारा

112. AM के उपर FM की क्या हानियाँ होती हैं?
   (1) उच्च प्रमाणत्री (Modulating) शक्ति की आवश्यकता होती है
   (2) उच्छ प्रक्षेप (Transmitter) शक्ति की आवश्यकता होती है
   (3) बड़ी बैक नियत्र की आवश्यकता होती है
   (4) उच्छ आवृत्ति संकेतकों के लिए रव ऊंचा होता है

113. सतहित नियंत्रण तंत्र में दर पुनर्वेश (फॉर्मेन्ट) बोल्ट्डा प्रवाह करने के लिए प्रमुख किये जाने वाले उपकरण को क्या कहते हैं?
   (1) टेक्स्योफोनरेटर
   (2) विभवमान
   (3) लस्य प्रिज्मर
   (4) लस्य परिपाशिक

114. सर्किट प्रयोग के लिए प्रमुख की गई ए.सी. मोटर क्या कहलाती है?
   (1) लस्यवालक मोटर
   (2) एकल प्रावप्रथा प्रेषन मोटर
   (3) वि-प्रावप्रथा प्रेषन मोटर
   (4) वि-प्रावप्रथा प्रेषन मोटर

115. बिन्यमित से दो किस्म द्वििलिखित (चिन्त-स्थापत) सिककिन (तैय) के रूप में प्रयोग किया गया है?
   (1) JK–FF
   (2) D–FF
   (3) RS–FF
   (4) T–FF

116. 7477 बिकोस्ट रूप
   (1) सात खड़ी प्रदर्शन
   (2) निकिक्स (Nixie) ट्यूब
   (3) रिले
   (4) डायोड मेट्रिक्स (आयुक्ष)

117. मूल विधा किस्म कौन सा नाम है?
   (1) लेवल संक्रिया
   (2) रेड रेडिया
   (3) कार्ल (कॉर्ल) संक्रिया
   (4) उपरक चोर्ण नहीं

118. दिग्गज परिपाश में तरंग तत्त्व की चर्चा से चर्चा बोल्ट्डा क्या है?

119. एक प्रद्यम्न में बिन्यमित नियंत्रि की मौजूदत तक का मुख्य कारण है:
   (1) संपाती धारा की संतुलित
   (2) काल्स ब स्थिति में बायसिंग
   (3) काल्स C प्रवाग में समस्ततर धारा की उपस्थिति
   (4) प्रयोग में आ रहे ट्रान्सजेंटरों के स्थिति अभिव्यक्तिकों में अवस्थितता

120. यदि XOR गेट का एक भी निवेश ऊंचा है तो गेट निर्गम होगा:
   (1) निम्न
   (2) उच्च
   (3) अन्य निवेश की तरह ही
   (4) अन्य निवेश का पूरक
Question Booklet Series: A

Booklet Code No.: 808594

Candidate must fill the above number correctly, in the OMR Sheet

DO NOT OPEN THIS BOOKLET UNTIL TOLD TO DO SO

Time Allowed: 45 Minutes

Code- 15MGEJES02 (P-II) Total No. Questions: 60

Roll No.: __________________________ OMR Answer Sheet No.: __________________________

Name of the Candidate (in capital letters): ______________________________________________________________

Candidate’s Signature: __________________________ Invigilator’s Signature: __________________________

IMPORTANT: Read the following instructions carefully. Do not mark answers on the question booklet, otherwise you may be debarred from the selection process.

1. Before commencing to answer, check that the Question Booklet has 60 questions. Each Question Booklet will be in different series (combination of booklet code no. and series). You must write correct Booklet Code No. and Question Booklet Series on your OMR Answer Sheet. Further check that there is no misprinting, overprinting and/or any other shortcoming in it. If there is any shortcoming in the question booklet, intimate the same to your room invigilator and take a fresh question booklet. No complaint in this regard shall be entertained at any later stage.

IMPORTANT NOTE: The OMR Answer Sheet will be evaluated with a combination of question booklet series and booklet code no. hence you must write correct question booklet series and booklet code no. Any mistake in filling any of them will lead to invalidation of your OMR Answer Sheet. Also in case of non filling of question booklet series and booklet code no. the OMR Answer Sheet will not be evaluated and its sole responsibility lies on the candidate.

2. There shall be negative marking. 1/3 mark will be deducted for wrong answer. Each question carries equal mark. Also refer OMR Sheet for detailed instruction.

3. This is an objective type test in which each objective question is followed by four responses serialled (1) to (4). Your task is to choose the correct/best response and mark your response in the OMR Answer Sheet only as per the instructions given and NOT in the Question Booklet.

4. Use Blue/Black Ball Point Pen for all your work on the OMR Answer Sheet. The ovals on the OMR Answer Sheet are to be completely filled by Blue/Black Ball Point Pen only. ANSWERS ONCE GIVEN CAN NOT BE CHANGED.

5. DO NOT scribble or make any stray marks on the Answer Sheet. DO NOT wrinkle or fold or staple it.

6. Use of Calculators, Slide rules, Mobiles, calculator watches or any such devices and any other study/reference material is NOT allowed inside the examination hall.

7. Return the complete Question Booklet and OMR Answer Sheet to the invigilator on completion of the test. Do not take this Question Booklet or any part thereof or OMR Answer Sheet outside the examination room. Doing so is a punishable offence.

8. Take care that you mark only one answer for each question. If more than one answer is given by you for any question, the same will not be evaluated. Cutting/overwriting the answers are not allowed.
1. Against each key word are given four suggested meanings. Choose the word or phrase which is nearest in meaning to the key word.

**ANTAGONIST:**

(1) Hostile
(2) Pluralistic
(3) Mockery
(4) Aghast

2. Against each key word are given four suggested meanings. Choose the word or phrase which is nearest in meaning to the key word.

**APPERTAIN:**

(1) Give up
(2) Offence
(3) To be Appropriate
(4) Thankful

3. Read the sentence and choose the antonyms of the Underlined Word among the alternative words or phrases as (1), (2), (3) and (4).

Ram is showing signs of **senility**.

(1) Virility
(2) Laziness
(3) Maturity
(4) Exhaustion

4. Read the sentence and choose the antonyms of the Underlined Word among the alternative words or phrases as (1), (2), (3) and (4).

The superintendent looked very **grumpy**.

(1) Surly
(2) Pleasant
(3) Efficient
(4) Honest

5. Against each key word are given four suggested meanings. Choose the word or phrase which is opposite in meaning to the key word.

**LURID:**

(1) Murky
(2) Dismal
(3) Ignorant
(4) Mild

6. Against each key word are given four suggested meanings. Choose the word or phrase which is opposite in meaning to the key word.

**MANIFEST:**

(1) Unmistakable
(2) Apparent
(3) Obscure
(4) Irrelevant

7. Choose the word that is nearest in meaning to the capitalised word.

**ABASE:**

(1) Humiliate or degrade oneself
(2) Uncouth
(3) Baseless
(4) Forceful

8. Choose the word that is nearest in meaning to the capitalised word.

**SHAM:**

(1) Rubbish
(2) Lovable
(3) Pretence
(4) Guilty

9. In the following question pick the wrong spelt word.

(1) Autopsy
(2) Autocratic
(3) Akward
(4) Asylum

10. In the following question pick the wrong spelt word.

(1) Abnormity
(2) Aberration
(3) Abstinant
(4) Abstention
DIRECTIONS: (Question No. 11 to 15) Read the passage and give your response based on the passage.

PASSAGE

Drug addicts in some countries form small groups, the customs of which may be unknown to outsiders. They often speak a language that is so full of expressions and words created by themselves that their speech has become unintelligible to those that are not living, or in some way associated, with them. It is amazing to find that, to understand some of today’s so-called pop music, one requires some acquaintance with the peculiar language of those enslaved to drugs. A great part of the vocabulary is international with a preponderance of American terms or corruptions of these. This makes it easy for those in search of drug in a country not their own to communicate with those that have some to dispose of.

11. We learn from the passage that:
   (1) All pop singers like drugs
   (2) Many pop musicians often use the code language of drug addicts
   (3) Pop music is understood by drug users only
   (4) All drug users compose music

12. The drug users’ speech is unintelligible to other because:
   (1) It is incoherent
   (2) The use of drugs has affected their pronunciation
   (3) Their language has peculiar words and expressions
   (4) They communicate only among themselves

13. Drug addicts:
   (1) Get easily assimilated in the society in which they live
   (2) Have their own culture
   (3) Imitate American culture
   (4) Are cultural American culture

14. The international nature of their vocabulary helps drug addicts to:
   (1) Buy drugs from one another with ease
   (2) Get to know one another better
   (3) Pass for Americans
   (4) Conceal their nationalities

15. According to the passage, it is wrong to conclude that:
   (1) Drug users have evolved a language
   (2) Drug users form small groups
   (3) Some drug users travel outside their own countries
   (4) All drug addicts are Americans

DIRECTIONS: (Question No. 16 & 17) In the following sentences one or two words are missing. From the four choices select the choice that fits in best with the rest of the sentence.

16. Mr. Nehru’s speeches always brought out his …….. for India and the well being of its ……….:
   (1) Sadness, forests
   (2) Greatness, residents
   (3) Joy, land
   (4) Love, people

17. Men with great …….. and knowledge are usually very polite and ……….:
   (1) Wisdom, humble
   (2) Ambition, obscure
   (3) Wealth, cruel
   (4) Foresight, sad

DIRECTIONS: (Question No. 18 to 20) In the following questions, fill in the blanks by selecting a choice which is in keeping with good English usage.

18. The friend writes faster ……..:
   (1) Than me
   (3) Than
   (4) Than self

19. …….. the grace of God we all reach safe and sound:
   (1) By
   (3) On
   (4) From

20. The courier company luckily delivered the letter ……..:
   (1) Rightly on time
   (3) On right time
   (4) Right by time
DIRECTIONS: (Question no. 21 to 24) In the questions choose the correct alternative answer to complete the sentence.

21. He requested her ........ five rupees:
   (1) To lend her  (2) To borrow her
   (3) To lend him  (4) To borrow him

22. I first ........ him in 1966:
   (1) Meet  (2) Have met
   (3) Met  (4) Had met

23. Some friends ........ to meet me tomorrow:
   (1) Come  (2) Have come
   (3) Came  (4) Are coming

24. She was ........ that she could not sleep:
   (1) Very excited  (2) Much excited
   (3) Too excited  (4) So excited

25. The doctor soon diagnosed the patient's illness. In this sentence 'diagnosed' means:
   (1) Cured  (2) Provided the medicine for
   (3) Treated  (4) Decided on the nature of

DIRECTIONS: (Question No. 26 to 28) In each of these questions, four words numbered (1), (2), (3) and (4) have been given of which one may be wrongly spelt. The number of that word is your answer.

26. (1) Marshalling  (2) Nemesis
    (3) Pedestrian  (4) Sheckle

27. (1) Sorority  (2) Terrestrial
    (3) Magnification  (4) Habitation

28. (1) Gynacology  (2) Habitual
    (3) Inheritance  (4) Manipulative

29. Given below are the four spellings of the same word. Choose the correct one.
    (1) Anony mous  (2) Anonemous
    (3) Anonymous  (4) Annonymous

30. In the following question select the appropriate word that best represents the given set of words.
    A person whose thoughts are turned inwards:
    (1) Extrovert  (2) Invertebrate
    (3) Intelligent  (4) Introvert
DIRECTIONS: (Question No. 31 to 33) Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

31. He gave me a ........ by appearing suddenly in the dark:
   (1) Scare  (2) Dash  (3) Jolt  (4) Curse

32. He was punished for the ........ of his duty:
   (1) Criticism  (2) Dereliction  (3) Immaturity  (4) Percolation

33. The old lady ........ her son when he returned triumphantly from the war:
   (1) Hugged  (2) Proclaimed  (3) Pronounced  (4) Banged

34. Fill in the blanks.
   In a classroom students are to be trained to love ........:
   (1) Each other  (2) All others  (3) One another  (4) Altogether

35. Fill in the blanks.
   Walk properly ........ you should fall:
   (1) Just  (2) Lest  (3) Must  (4) Otherwise

DIRECTIONS: (Question No. 36 to 39) The words of proverbs and sentences are given in a jumbled manner. If the words are arranged properly, they make a readable sentence. Pick a choice which gives the correct sequence of words.

36. Death, before, times, their, cowards, many, die
   (1) 2431756  (2) 4657123  (3) 5763241  (4) 6375124

37. Memory, liar, a, a, good, needs:
   (1) 326451  (2) 464251  (3) 524461  (4) 165234

38. Burnt, fire, a, child, dreads, the:
   (1) 314562  (2) 314265  (3) 624135  (4) 246531

39. Of, mind, face, is, index, the:
   (1) 132456  (2) 634215  (3) 345162  (4) 534216

40. Given below are the four spellings of the same word. Choose the correct one.
   (1) Mistery  (2) Mistrey  (3) Mystery  (4) Mistry
DIRECTIONS: (Question No. 41 to 43) Each of the following idioms is followed by alternative meanings of which one is correct. Write the correct option.

41. Put a person through his paces:
   (1) Put him on the right track
   (2) Make him quicken steps
   (3) Test his abilities
   (4) Inspire him to work hard

42. A storm in a tea cup:
   (1) Great noise
   (2) A danger signal
   (3) Unexpected event
   (4) Much excitement over something trivial

43. A square peg in a round hole:
   (1) A person unsuited to the position he fills
   (2) A scheme that never works
   (3) An impossible task
   (4) A Herculean task

DIRECTIONS: (Question No. 44 & 45) In this section each sentence has three parts indicated by (1), (2) and (3). Read each sentence to find out whether there is an error. If you find an error in any one of the parts (1), (2) and (3) indicate your response by blackening the letter related to that part in the OMR sheet provided. If sentence has no error, indicate this by blackening (4) which stands for no error. Errors may belong to grammar, usage etc.

44. I dare (1) not to (2) go to my father (3) No error (4).

45. I get up at five (1) and studied for two hours. (2) After taking a bath, I took breakfast. Then, I went to school on my bike (3) No error (4).

46. Which of the following will sting?
   (1) Dog
   (2) Scorpion
   (3) Cat
   (4) Lizard

47. Fill in the blank with correct preposition.
   Shivansh is good …….. studies:
   (1) At (2) In
   (3) Towards (4) By

48. Given below is the sentence in active voice. Choose the correct sentence in passive voice among the alternatives:
   Could they not have helped the needy?
   (1) Could the needy not have been helped by them?
   (2) Had the needy been not helped by them?
   (3) Could the needy had not been helped by them?
   (4) Would the needy not have been helped by them?

49. What shall be correct combination of two simple sentence into a complex sentence by using an adverb clause.
   The chief guest entered the hall. The audience clapped.
   (1) The audience clapped as the chief guest entered the hall
   (2) The audience clapped upon the chief guest entering the hall
   (3) The audience was clapping when the chief guest entered the hall
   (4) The audience had to clap when the chief guest entered the hall

50. Fill in the gap with suitable preposition:
   Sita is indifferent ____ her health.
   (1) To (2) Of
   (3) From (4) By
51. Identify the correct tense which has been used in this sentence.
   By the end of this year he will have saved a lot of money.
   (1) Future continuous tense
   (2) Future perfect tense
   (3) Future perfect continuous tense
   (4) Simple future tense

52. Fill in the blank using correct article.
   Kalidas is ____ Shakespeare of India.
   (1) A
   (2) An
   (3) The
   (4) Any one of the above can be used

53. Identify plural word among the following alternatives:
   (1) Syllabus
   (2) Curriculum
   (3) Agenda
   (4) Radius

54. Given are four sentences. Choose the sentence which belongs to the class “Adverb of manner”
   (1) She sings delightfully
   (2) The Weather is delightfully cool
   (3) He is far better now
   (4) I have told you twice

55. Identify the sentence with no adverb:
   (1) He behaves best
   (2) She sings well enough
   (3) He is the best boy in the class
   (4) The patient is much better.

56. Change the following sentence given in indirect speech into direct speech and mark correct answer choosing from options given.
   “Would you mind passing the salt?” I said to him:
   (1) I asked to him if he would mind passing the salt
   (2) I ordered him if he will mind passing the salt
   (3) I asked him if he will mind passing the salt
   (4) I asked him if he would mind passing the salt

57. In the following question four sentences have been given. Out of the four options given one is grammatically incorrect. Identify the one and mark your answer.
   (1) She seems sad
   (2) He has a cellular phone
   (3) These grapes are tasting sour
   (4) I think you are wrong

58. Change the following sentence into Indirect speech:
   He said, “Be quiet and listen to my word”.
   (1) He requested them that they keep quiet and listen to his word.
   (2) He requested them to maintain quiet and listen to his word.
   (3) He urged them to be quiet and listen to his word.
   (4) He said to them to keep quiet and listen to his word.

59. Change the sentence into indirect speech.
   Ram said to the boy, “why will you not play with me?”
   (1) Ram said the boy why he will not play with me?
   (2) Ram asked the boy why he would not play with him.
   (3) Ram told the boy to play with him.
   (4) Ram asked the boy why will hot play with me.

60. Change the following sentence into reported speech and mark the correct option among the choices given:
   The girl said, “I must go to Delhi tomorrow”.
   (1) The girl said that she would go to Delhi tomorrow.
   (2) The girl said that she had to go to Delhi the next day.
   (3) The girl said that she will go to Delhi the next day.
   (4) The girl said that she must have gone to Delhi that day.
महत्त्वपूर्ण: निम्नलिखित निर्देश व्यापारी पूर्वीकरण के लिए हैं। अपने प्रस्तुत के उत्तर प्रस्तुतियाँ में न लगाएं अन्यथा चयन प्रक्रिया से आपकी भागाता विदेष कर दी जाएगी।

1. अपना उत्तर लिखना प्रारंभ करने से पहले अपनी प्रस्तुतियों की मात्रा-मूल्य जोच कर ले, देखें कि इसमें 120 प्रश्न हैं। प्रत्येक प्रश्न पूर्तिकक की सिद्धांत मिश्र होगी (प्रश्न-पूर्तिकक कोड संख्या एवं प्रश्न-पूर्तिकक सीरीज का संक्षेप)। आपकी OMR उत्तर पत्तिका पर सही प्रश्न-पूर्तिकक सीरीज एवं प्रश्न-पूर्तिकक कोड संख्या लिखना है। पुनः, यह भी परख लें कि इसमें त्रिभुज संबंधी आयाम अनुक्रमिक क्रम की कौन सी नहीं है। यदि किसी प्रश्न की जोड़ी कोई हो तो पत्तिका को सूक्ष्ठ करें और प्रश्न-पूर्तिकक बदलकर एक नई पूर्तिकक लें। इस संदर्भ में किसी भी प्रश्न की जोड़ी विनियम पर बाद में कोई विबंध नहीं किया जाएगा।

2. महत्वपूर्ण नोट: ओ.एम.आर. उत्तर पत्तिका अंकों के प्रश्न-पूर्तिकक सीरीज एवं प्रश्न-पूर्तिकक कोड संख्या के संयोजन से मूल्यांकन करें। अतः, आपके ओ.एम.आर. उत्तर पत्तिका पर सही प्रश्न-पूर्तिकक सीरीज एवं प्रश्न-पूर्तिकक कोड संख्या लिखना चाहिए। इसमें से किसी एक में भी मात्र होने पर आपकी ओ.एम.आर. उत्तर पत्तिका निर्वाह हो सकती है। ओ.एम.आर. उत्तर पत्तिका में प्रश्न-पूर्तिकक कोड संख्या एवं प्रश्न-पूर्तिकक सीरीज नहीं भरने पर अंकों के उत्तर पत्तिका का मूल्यांकन नहीं किया जाएगा जिसकी निम्नलिखित संख्या अंकों की होगी।

3. गलत उत्तर के लिए 1/3 अंक का मान होगा। प्रत्येक प्रश्न के अंक समान हैं। विकृत जानकारी के लिए उत्तर पत्तिका का अलंकरण करें।

4. का-प्रश्नस्थल से अपने प्रश्न-पत्र पर इस्तेमाल अन्य कराई। यदि अपने हस्ताक्षर नहीं करें तो आपकी प्रस्तुत रख दी जाएगी।

5. यह एक वस्तुता प्रश्न का प्रश्न है जिसमें प्रत्येक प्रश्न के नीचे क्रमशः (1) से (4) तक चार प्रश्नात्मक उत्तर दिए हैं। आपके विवरण में जो भी उत्तर सही/सहीत साबित है उसके ओ.एम.आर. उत्तर पत्र में ये से नियुक्त इकट्ठा किए जाएं। अपने उत्तर प्रश्न-पत्तिका में न लगाएं।

6. उत्तर-पत्र पर न तो रफ्तार करने न ही और किसी प्रश्न का निर्णय आदि लागू या इसे नहीं।

7. लेनोवो, स्मारक कागज, नोटबुक, नोट, कंप्यूटर किताबें या इस प्रश्न की कोई भी पुस्तक एवं किसी भी अपनावन/वस्तु सामग्री आदि का प्रयोग पत्तिका कारण नहीं है।

8. रफ्तार प्रश्न-पत्तिका में किसी भी खाली स्थान में किया जाना चाहिए, ओ.एम.आर. उत्तर पत्तिका पर कोई भी रफ्तार करने न करें। किसी अन्य कारण पर इसे करने की अनुमति नहीं है।

9. पत्तिका की समाप्ति के पश्चात् अपनी ही प्रश्न-पूर्तिकक तथा उत्तर-पत्तिकक पत्तिका को बाहर करें। प्रश्न पूर्तिकक या इसके किसी भाग अन्य मात्र OMR उत्तर पत्तिका को पत्तिका करें तो बाहर होना संभव है।

10. हर एक प्रश्न के लिए एकल एक ही उत्तर इंतज़ करें। एक से अधिक उत्तर देने पर प्रश्न का अंक अंक नहीं दिया जाएगा। उत्तर में कोई भी सटीक या औपचारिक मात्रा नहीं होगी। पुनः, प्रश्न पत्र ट्रोम्यान्ट (हिंदी एवं अंग्रेजी) में है। हिंदी संकरण में किसी भी मिलता होने पर सूचनाकरण के लिए अंग्रेजी संकरण को अनिश्चित माना जाएगा।

कुल उत्तर के लिए