



Set No. 1

18P/223/20

Total No. of Printed Pages : 20

Question Booklet No.

10958

(To be filled up by the candidate by blue/black ball-point pen)

Roll No.

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Roll No. (Write the digits in words) .....

2018

Serial No. of OMR Answer Sheet .....

Centre Code No.

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Day and Date .....

(Signature of Invigilator)

### INSTRUCTIONS TO CANDIDATES

(Use only blue/black ball-point pen in the space above and on both sides of the Answer Sheet)

1. Within 30 minutes of the issue of the Question Booklet, check the Question Booklet to ensure that it contains all the pages in correct sequence and that no page/question is missing. In case of faulty Question Booklet bring it to the notice of the Superintendent/Invigilators immediately to obtain a fresh Question Booklet.
2. Do not bring any loose paper, written or blank, inside the Examination Hall *except the Admit Card*.
3. A separate OMR Answer Sheet is given. *It should not be folded or mutilated. A second Answer Sheet shall not be provided. Only the Answer Sheet will be evaluated.*
4. Write all entries by blue/black ball pen in the space provided above.
5. **On the front page of the OMR Answer Sheet, write by pen your Roll Number in the space provided at the top, and by darkening the circles at the bottom. Also, write the Question Booklet Number, Centre Code Number and the Set Number (wherever applicable) in appropriate places.**
6. No overwriting is allowed in the entries of Roll No., Question Booklet No. and Set No. (if any) on OMR Answer Sheet and Roll No. and OMR Answer Sheet No. on the Question Booklet.
7. Any change in the aforesaid entries is to be verified by the invigilator, otherwise it will be taken as unfair means.
8. Each question in this Booklet is followed by four alternative answers. *For each question, you are to record the correct option on the Answer Sheet by darkening the appropriate circle in the corresponding row of the Answer Sheet, by pen as mentioned in the guidelines given on the first page of the OMR Answer Sheet.*
9. For each question, darken only one circle on the OMR Answer Sheet. If you darken more than one circle or darken a circle partially, the answer will be treated as incorrect.
10. *Note that the answer once filled in ink cannot be changed.* If you do not wish to attempt a question, leave all the circles in the corresponding row blank (such question will be awarded zero mark).
11. For rough work, use the inner back page of the title cover and the blank page at the end of this Booklet.
12. **On completion of the Test, the candidate must handover the OMR Answer Sheet to the Invigilator in the examination room/hall. However, candidates are allowed to take away Test Booklet and copy of OMR Answer Sheet with them.**
13. Candidates are not permitted to leave the Examination Hall until the end of the Test.
14. If a candidate attempts to use any form of unfair means, he/she shall be liable to such punishment as the University may determine and impose on him/her.

(उपर्युक्त निर्देश हिन्दी में अन्तिम आवरण-पृष्ठ पर दिये गये हैं।)

FOR ROUGH WORK / रफ़ कार्य के लिए

**18P/223/20(Set-1)**

**No. of Questions : 120**

**Time : 2 Hours ]**

**[ Full Marks : 360**

**Note :** (i) Attempt as many questions as you can. Each question carries 3 (three) marks. *One mark will be deducted for each incorrect answer. Zero* mark will be awarded for each unattempted question.

(ii) If more than one alternative answers seem to be approximate to the correct answer, choose the closest one.

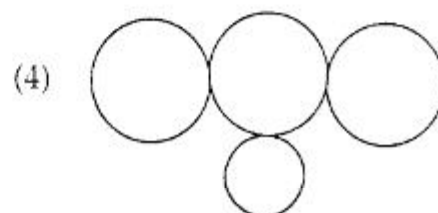
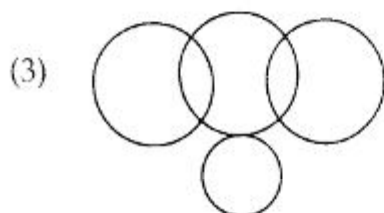
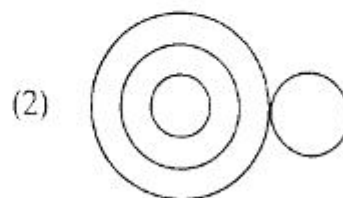
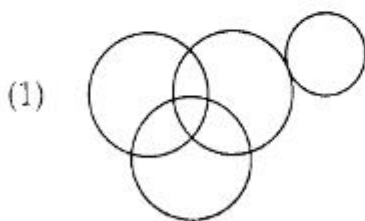
1. If 3 is related to 11 then 7 is related to .....  
(1) 22                      (2) 29                      (3) 18                      (4) 51
2. BEGK is related to ADFJ in the same way as PSVY is related to .....  
(1) LOQT                      (2) ROUX                      (3) OTUZ                      (4) ORUX
3. B is related to 16 then D is related to :  
(1) 320                      (2) 150                      (3) 200                      (4) 256
4. Choose the word which is least like the other words in the group :  
(1) Lion                      (2) Tiger                      (3) Horse                      (4) Zebra
5. Choose the number which is different from others in the group :  
(1) 17                      (2) 23                      (3) 63                      (4) 71
6. Choose the number which is different from others in the group :  
(1) 28                      (2) 64                      (3) 125                      (4) 216
7. Choose the number group which is different from others :  
(1) 71, 7, 3, 17                      (2) 37, 14, 19, 7  
(3) 67, 71, 3, 5                      (4) 41, 5, 3, 47

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8. Choose the odd numeral pair in the following pair :
- (1) 2:4                      (2) 4:8                      (3) 6:18                      (4) 8:32
9. In a certain code Language, BEAT is written as YVZG, then what will be the code of MILD ?
- (1) ONRW                      (2) NOWR                      (3) NROW                      (4) ONWR
10. If RED is coded as 6720, then how would GREEN be coded ?
- (1) 1677199                      (2) 1677209                      (3) 16717209                      (4) 9207716
11. If E = 5, PEN = 35, then PAGE = .....
- (1) 27                      (2) 28                      (3) 29                      (4) 36
12. If a certain code language, '253' means "books are old", '546' means "man is old" and '378' means "buy good books". What stands for *are* in that code ?
- (1) 2                      (2) 4                      (3) 5                      (4) 6
13. Pointing towards a person, a man said to a women, "His mother is the only daughter of your father". How is the women related to that person ?
- (1) Daughter                      (2) Sister                      (3) Mother                      (4) Wife
14. A women introduced a man as the son of the brother of her mother. How is the man related to the women ?
- (1) Nephew                      (2) Son                      (3) Cousin                      (4) Uncle
15. A family has a man, his wife, their four sons and their wives. The family of every son also has 3 sons and one daughter. Find out the total number of male members in the whole family :
- (1) 4                      (2) 8                      (3) 12                      (4) 17
16. In a joint family, there are father, mother, 3 married sons and one unmarried daughter. Of the son, two have two daughters each, and one has a son. How many female members are there in the family ?
- (1) 2                      (2) 3                      (3) 6                      (4) 9

17. A + B' means 'A is the daughter of B',  
 A × B' means 'A is the son of B'  
 A – B' means 'A is the wife of B'  
 If P × Q – S, which of the following is true ?  
 (1) S is wife of Q (2) S is father of P  
 (3) P is daughter of Q (4) Q is father of P
18. Ravi and Kunal are good in Hockey and Volleyball. Sachin and Ravi are good in Hockey and Baseball. Gaurav and Kunal are good in Cricket and Volleyball. Sachin, Gaurav and Michael are good in Football and Baseball.  
 Who is good in Hockey, Cricket and Volleyball ?  
 (1) Sachin (2) Kunal (3) Ravi (4) Gaurav
19. Seven children A, B, C, D, E, F and G are standing in a line. G is to the right of D and to the left of B. A is on the right of C. A and D have one child between them. E and B have two children between them. D and F have two children between them.  
 Who is on the extreme right ?  
 (1) B (2) E (3) F (4) G
20. (1) Aarti is older than Sanya.  
 (2) Muskan is elder than Aarti but younger than Kashish  
 (3) Kashish is elder than Sanya.  
 (4) Sanya is younger than Muskan.  
 (5) Gargi is the eldest  
 Then who is the youngest ?  
 (1) Kashish (2) Aarti (3) Muskan (4) Sanya
21. A child is looking for his father. He went 90 meters in the east, before turning to his right. He went 20 meters before turning to his right again to look for his father at his uncle's place 30 meters from this point. His father was not there. From there, he went 100 meters to his north before meeting his father in a street. How far did the son meet his father from the starting point ?  
 (1) 80 meters (2) 100 meters (3) 140 meters (4) 260 meters

22. Kunal walks 10 km towards North. From there he walks 6 km towards South. Then, he walks 3 km towards East. How far and in which direction is he with reference to his starting point ?
- (1) 5 km West (2) 7 km West  
(3) 7 km East (4) 5 km North-East
23. A, B, C and D are playing cards. A and B are partners. D faces towards North. If A faces towards West, then who faces towards South ?
- (1) B (2) C  
(3) D (4) Data inadequate
24. A watch reads 4.30. If the minutes hand points East, in what direction will the hour hand point ?
- (1) North (2) North-East (3) South-East (4) North-West
25. It is 3 O'clock in a watch. If the minutes hand points towards the North-east, then the hour hand will point towards the :
- (1) South (2) South-West (3) North-West (4) South-East
26. A clock is so placed that at 12 noon its minutes hand points towards North-East. In which direction does its hour hand point at 1.30 p.m. ?
- (1) North (2) South (3) East (4) West
27. In a class of 46 students, 18 played football, 17 played cricket including 6 who played football. 16 students played hockey including 4 who played cricket, but not football. Five students played carrom but no outdoor games. Which of the following figures represents these facts ?



(4)

28. Arrange the following words according to dictionary arrangement :
- (1) Epitaxy      (2) Episode      (3) Epigene      (4) Epitome  
(5) Epilogue
- (1) 1, 2, 3, 4, 5      (2) 3, 2, 5, 4, 1  
(3) 3, 5, 2, 1, 4      (4) 5, 4, 2, 1, 3
29. If 1st and 26th, 2nd and 25th, 3rd and 24th, and so on, letters of the English alphabet are paired, then which of the following pairs is correct ?
- (1) GR      (2) CW      (3) IP      (4) EV
30. A meaningful word starting with A is made from the first, the second, the fourth, the fifth and the sixth letters of the word CONTRACT. Which of the following is the middle letter of that word :
- (1) C      (2) T      (3) O      (4) R
31. Study the number series given below and answer the question that follow :  
7, 8, 9, 7, 6, 5, 3, 4, 2, 8, 9, 7, 2, 4, 5, 9, 2, 9, 7, 6, 4, 7  
Which figures have equal frequency ?
- (1) 2, 5, 3      (2) 2, 4, 5      (3) 3, 7, 5      (4) 8, 6, 5
32. If every second Saturday and all sundays are holidays in a 30 days month beginning on Saturday, then how many working days are these in that month ?
- (1) 20      (2) 21      (3) 22      (4) 23
33. If the first day of the year (other than the leap year) was Friday, then which was the last day of that year ?
- (1) Monday      (2) Friday      (3) Saturday      (4) Sunday
34. In a family, the father took  $\frac{1}{4}$  of the cake and he had 3 times as much as each of the other family had. The total number of family members is :
- (1) 10      (2) 12      (3) 7      (4) 3



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- 35.** The main source of revenue for a state government in India is :  
(1) Sales tax (2) Excise duty  
(3) Income tax (4) Property tax
- 36.** Which Sufi's daragah is at Ajmer ?  
(1) Baba Farid (2) Qutb-din Bakhtiyar Kaki  
(3) Moinuddin Chisti (4) Khwaja Bahuddin
- 37.** Which is the earliest Engineering Educational Institution in India ?  
(1) BITS, Pilani (2) IIT, Kharagpur  
(3) IIT, Roorkee (4) IT BHU Varanasi
- 38.** The pressure at the bottom of a liquid tank does not depend on ?  
(1) Density of the liquid (2) Acceleration due to gravity  
(3) Area of the liquid surface (4) Height of the liquid
- 39.** A woman said to a man, "The daughter of your only sister is the sister of my husband". What is the relation of man's sister to the women ?  
(1) Mother (2) Sister  
(3) Mother-in-law (4) Sister-in-law
- 40.** If 4th Saturday of a month was 22nd day, then what was the 13th day of the month ?  
(1) Wednesday (2) Tuesday  
(3) Friday (4) Thursday
- 41.** How many times to the hands of a clock coincide in a day ?  
(1) 24 (2) 22  
(3) 20 (4) 12
- 42.** Which State has been declared India's first "Open Defecation Free State" ?  
(1) Assam (2) Himachal Pradesh  
(3) Kerala (4) Sikkim

43. Iodised Salt contains :
- (1) Free iodine (2) Calcium iodine  
(3) Magnesium iodine (4) Potassium iodine
44. Who sketched and illuminated the national emblem Ashoka Pillar with its motto 'Satyameva Jayate' extracted from Mundaka Upanishad ?
- (1) Nandala Bose (2) Abanindranath Thakur  
(3) Jamini Roy (4) Dinanath Bhargava
45. The pen name of Jawaharlal Nehru was :
- (1) Kautilya (2) Chanakya  
(3) An Indian (4) A Gandhian
46. Kailash Satyarthi was awarded Nobel Prize in 2014 for :
- (1) Chemistry (2) Economics  
(3) Peace (4) Medicine
47. River Brahmaputra enters India through which state ?
- (1) Arunachal Pradesh (2) Assam  
(3) Sikkim (4) Mizoram
48. The lens in the human eye is of which type ?
- (1) Concave lens (2) Convex lens  
(3) Plano Concave lens (4) Plano Convex lens
49. Which Upanishad is the shortest of all Upanishads ?
- (1) Mandukya Upanishad (2) Isha Upanishad  
(3) Kena Upanishad (4) Katha Upanishad
50. A system that generates a spark or heats an electrode to a high temperature is called :
- (1) Firing system (2) Heating system  
(3) Sparking system (4) Ignition system

51. *Phasmophobia* means :
- (1) Fear of Disease (2) Fear of Height  
(3) Fear of Ghosts (4) Fear of Fire
52. Who is the Supreme Commander of Indian Armed Forces ?
- (1) President of India  
(2) Prime Minister  
(3) Defence Minister  
(4) Chairman of the Chiefs of Staff Committee
53. Geriatrics is related to health care of :
- (1) Children (2) Women  
(3) Aged people (4) Abnormal people
54. Diego Maradona is a former :
- (1) Cricket player (2) Rugby player  
(3) Football player (4) Snooker player
55. Which among the following is one of the main functions of SEBI ?
- (1) Regulate the commodity market (2) Regulate the securities market  
(3) Regulate the wholesale markets (4) Regulate the retail markets
56. Marie Curie received Nobel Prize twice for :
- (1) Chemistry in 1903 and 1911  
(2) Physics in 1903 and Chemistry in 1911  
(3) Physics in 1903 and 1911  
(4) Chemistry in 1903 and Physics in 1911
57. Which among the following is a marine mammal ?
- (1) Whale (2) Catfish (3) Shark (4) Frog

58. What is the full form of TV channel name CNBC ?  
(1) Consumer News and Business Channel  
(2) Commercial News and Business Channel  
(3) Channel for News Business Concerns  
(4) Channel for News on Business and Commerce
59. Which among the following is the tallest structure ?  
(1) Burj Khalifa, UAE  
(2) Tokyo Skytree, Japan  
(3) Petronas Twin Towers, Malaysia  
(4) Eiffel Tower, France
60. Philately is the hobby of :  
(1) Stamp collection  
(2) Coin collection  
(3) Match box label collection  
(4) Precious art collection
61. A student obtain 75%, 80%, and 85% marks in three subjects. If the marks of another subject are added, then his average cannot be less than :  
(1) 60%                      (2) 65%                      (3) 75%                      (4) 80%
62. Which of the following is not a measure of central tendency ?  
(1) Mean                      (2) Median                      (3) Mode                      (4) Range
63. "The God of Small Things" is the name of the book written by :  
(1) Satyajit Roy                      (2) Arundhati Roy  
(3) Bimal Roy                      (4) Jason Roy
64. "A Tale of Two Cities" is the name of the book written by :  
(1) Charles Dickens                      (2) Thomas Hardy  
(3) Agatha Christie                      (4) Leo Tolstoy
65. "Rangbhoomi" and "Gunahon Ka Devta" are two famous books of :  
(1) Jaishankar Prasad                      (2) Premchand  
(3) Maithili Sharan Gupta                      (4) Suryakant Tripathi "Nirala"

66. Who wrote the famous book "Hindu View of Life" ?  
(1) Jawahar Lal Nehru (2) Dr. S. Radhakrishnan  
(3) Rabindra Nath Tagore (4) Nirad Roy Chaudhary
67. Next to Hindi, the language spoken by the largest number of people in Indian Sub. continent is :  
(1) Tamil (2) Bengali  
(3) Telugu (4) Urdu
68. The FIFA World Cup 2022 will be held in :  
(1) Argentina (2) Germany  
(3) Qatar (4) Russia
69. At which of the following towns the Alkananda and Bhagirathi combines to form river Ganga ?  
(1) Haridwar (2) Rishikesh  
(3) Rudraprayag (4) Devprayag
70. Which letter will be the sixth to the right of the eleventh letter from the right end of the following alphabet ?  
ABCDEFGHIJKLM  
NOPQRSTUVWXYZ  
(1) K (2) V (3) J (4) U
71. 8 Women can complete a piece of work in 20 days, where as 8 children alone can take 32 days to complete the same piece of work. How many days will 5 women and 8 children together take to complete it ?  
(1) 14 (2) 16 (3) 18 (4) 10
72. Satish got 54 marks in Hindi, 44 marks in Science, 58 marks in Sanskrit, 46 marks in Maths and 42 marks in English. The maximum marks for each paper is 60. What will be the overall percentage of his marks ?  
(1) 72 (2) 75 (3) 81 (4) 87

73. Three of the four eatables are alike in a certain way and so form a group. Which is the one that does not belong to the group ?
- (1) Apple (2) Banana  
(3) Fig (4) Turnip
74. Find the missing number from the given responses :  
3, 7, 15, ..., 63, 127.
- (1) 30 (2) 31 (3) 47 (4) 52
75. Payment bank can issue service like :
- (1) ATM cards (2) Debit cards  
(3) Mobile banking (4) All of these
76. NAAC stands for :
- (1) National Accreditation and Assessment Committee  
(2) National Assessment and Accreditation Council  
(3) National Assessment and Accreditation Committee  
(4) National and Audit and Accounts Council
77. Who among the following practiced medicine in Varanasi ?
- (1) Charaka (2) Dhanwantary  
(3) Shushrut (4) Atraya
78. Orange is an excellent source of :
- (1) Vitamin-A (2) Vitamin-C (3) Vitamin-D (4) Vitamin-K
79. Entomology is the study of :
- (1) Human diseases (2) Insects  
(3) Plant diseases (4) Animals
80. Eritrea is a country located in :
- (1) Africa (2) Asia  
(3) South America (4) Europe

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81. ISRO launched how many satellites in a single flight on February 15 this year ?  
(1) 84                      (2) 94                      (3) 104                      (4) 114
82. Who is the author of Harry Potter fantasy series ?  
(1) J K Rowling                      (2) Georges Remi  
(3) Edgar Rice Burroughs                      (4) Daniel Radcliffe
83. Who among the following is the first man to score 300 runs in a T-20 cricket match ?  
(1) MS Dhoni                      (2) Virat Kohli  
(3) Wridhaman Saha                      (4) Mohit Ablawat
84. Who is the youngest player to play in a football world cup final ?  
(1) Pele                      (2) Maradona  
(3) Ronaldo                      (4) Beckenbauer
85. Who was given the title of 'Rashtra Kavi' by Mahatma Gandhi ?  
(1) Bankim Chandra Chatterjee                      (2) Rabindranath Tagore  
(3) Maithilisharan Gupta                      (4) Ramdhari Singh Dinkar
86. National Science Day is celebrated in India on which date ?  
(1) February 28                      (2) March 1  
(3) April 21                      (4) June 23
87. 'Abhaya Ghat' is the Samadhi sthal of :  
(1) Lal Bahadur Shastri                      (2) Morarji Desai  
(3) Rajeev Gandhi                      (4) B. R. Ambedkar
88. Where is world's largest single rooftop solar power plant located ?  
(1) Canberra                      (2) Amsterdam  
(3) Beijing                      (4) Amritsar

89. Sahapedia, India's first open source encyclopedia, relates to which subject area ?
- (1) Science and technology (2) Humanities and social sciences  
(3) Art and culture (4) Sports and recreation
90. What is Scientology ?
- (1) A religion (2) A science subject  
(3) A technology (4) A performing art
91. The term 'Cloud' in cloud computing refers to :
- (1) Remote servers on Internet for data storage and processing  
(2) Hard disk of computers for data storage and retrieval  
(3) Wide area network for accessing data held in a remote server  
(4) Local computer server with enormous capacity
92. What is Jallikattu ?
- (1) A game involving bull (2) A game involving wild boar  
(3) A game involving cock (4) A game involving lamb
93. Fill in the gap: 11, 18, ....., 42.
- (1) 25 (2) 27 (3) 29 (4) 31
94. Who was the youngest person to receive Nobel Prize in Economics ?
- (1) Amartya Sen (2) John Hicks  
(3) Kenneth Arrow (4) Richard Stone
95. Who was called Maratha Machiavelli by the Europeans ?
- (1) Peshwa Bajirao (2) Shivaji  
(3) Nana Fadnavis (4) Taty Tope
96. 'Nirmal Ganga Abhiyan' has been initiated by :
- (1) All World Gayatri Parivar  
(2) Ministry of Environment & Forest  
(3) Bharat Sevak Samaj  
(4) Indian Council for Enviro-Legal Action



**18P/223/20(Set-1)**

97. A clock strikes once at 1 O'clock, twice at 2 O'clock, thrice at 3 O'clock and so on. How many times it will strike in 24 hours ?  
(1) 78                      (2) 136                      (3) 156                      (4) 196
98. Babita Kumari is related to which sports ?  
(1) Archery                      (2) Kabaddi  
(3) Wrestling                      (4) Boxing
99. Who was the first to write numbers in the Hindu decimal system with a circle for the zero ?  
(1) Aryabhata                      (2) Bramhagupta  
(3) Bhaskara-I                      (4) Nagarjuna
100. Which film shot at Varanasi received two awards in Cannes Film Festival in 2015 ?  
(1) Massan                      (2) Water  
(3) Ghatak                      (4) Raanjhana
101. If all the numbers from 1 to 100 are written down, how many times 5 will appear ?  
(1) 10                      (2) 19                      (3) 20                      (4) 21
102. The headquarters of East Coast Railway zone is located at :  
(1) Visakhapatnam                      (2) Bhubaneswar  
(3) Khurda Road                      (4) Kolkata
103. The book 'Flood of Fire' is written by :  
(1) Vikram Seth                      (2) Jhumpa Lahiri  
(3) Amitav Ghosh                      (4) Anita Desai
104. In the context of banking, NEFT stands for :  
(1) National Electronics Funds Transaction  
(2) National Exchange for Fund Transaction  
(3) National Electronic Fund Transfer  
(4) National Exchange for Fund Transfer

105. Who is the author of the book 'Globalization, Democracy and Corruption: An Indian Perspective' ?  
(1) Pranab Bardhan (2) Pranab Mukherjee  
(3) Anna Hazare (4) Arvind Kejriwal
106. Which planet is always brighter than all other planets or stars as seen from earth ?  
(1) Mercury (2) Venus (3) Mars (4) Jupiter
107. Garba is a popular dance of :  
(1) Rajasthan (2) Maharashtra  
(3) Gujarat (4) Haryana
108. Fill in the gap : SCD, TEF, UGH, ....., WKL.  
(1) CMN (2) UGI (3) VIJ (4) IJT
109. If A is the father of B and C and if D is the wife of C, what is A to D ?  
(1) Father (2) Father-in-law  
(3) Uncle (4) Brother
110. Manjit drives 40 km north, then turning to his left he drives 30 km; then turning to his left he drives 25 km; again turning to his left he drives 30 km. How far he is from his starting position ?  
(1) 10 km (2) 15 km (3) 20 km (4) 25 km
111. Which of the following is not similar to others ?  
(1) BCF (2) JKN (3) PQS (4) UVY
112. What will be the Mode value of the following values :  
19, 8, 29, 35, 19, 28, 15, 19 ?  
(1) 15 (2) 19  
(3) 28 (4) 29

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113. If  $a = 2$ ,  $b = 4$ ,  $c = 6$  and  $d = 8$ , then  $c \times d \div a + b =$   
(1) 24                      (2) 26                      (3) 28                      (4) 30
114. If  $-$  stands for 'addition',  $+$  stands for 'subtraction',  $\times$  stands for 'division' and  $\div$  stands for 'multiplication', then  $18 \times 6 \div 7 - 5 + 2 = ?$   
(1) 18                      (2) 20                      (3) 22                      (4) 24
115. If  $4 = 8$ ,  $5 = 15$ ,  $6 = 24$ ,  $7 = 35$ , then  $8 = ?$   
(1) 40                      (2) 44                      (3) 48                      (4) 52
116. What is  $\frac{1}{3}$  of  $\frac{1}{4}$  of  $\frac{1}{2}$  of 800 ?  
(1) 80                      (2) 60                      (3) 40                      (4) 20
117. How many times do the hands of a clock coincide in a day ?  
(1) 20                      (2) 22                      (3) 24                      (4) 26
118. The ratio of the number of boys and girls in a school is 7 : 8. If the number of boys increases by 20 percent and that of girls increases by 10 percent, what will be the new ratio ?  
(1) 8 : 9                      (2) 14 : 15                      (3) 17 : 18                      (4) 21 : 22
119. In how many different ways can the letters of the word READING be arranged in such a way that the vowels always come together ?  
(1) 360                      (2) 480                      (3) 720                      (4) 5040
120. Ramprasad's current age is three times more than his son Rahul. After 8 years, his age will be two and half times of Rahul's age. After another eight years his age will be how many times of Rahul's age ?  
(1)  $2\frac{1}{5}$  times                      (2)  $2\frac{1}{2}$  times                      (3)  $2\frac{3}{4}$  times                      (4) 3 times

FOR ROUGH WORK / रफ कार्य के लिए

## अभ्यर्थियों के लिए निर्देश

(इस पुस्तिका के प्रथम आवरण-पृष्ठ पर तथा ओ०एम०आर० उत्तर-पत्र के दोनों पृष्ठों पर केवल नीली/काली बाल-प्वाइंट पेन से ही लिखें)

1. प्रश्न पुस्तिका मिलने के 30 मिनट के अन्दर ही देख लें कि प्रश्नपत्र में सभी पृष्ठ मौजूद हैं और कोई प्रश्न छूटा नहीं है। पुस्तिका दोषयुक्त पाये जाने पर इसकी सूचना तत्काल कक्ष निरीक्षक को देकर सम्पूर्ण प्रश्नपत्र की दूसरी पुस्तिका प्राप्त कर लें।
2. परीक्षा भवन में प्रवेश-पत्र के अतिरिक्त, लिखा या सादा कोई भी खुला कागज साथ में न लायें।
3. OMR उत्तर-पत्र अलग से दिया गया है। इसे न तो मोड़ें और न ही विकृत करें। दूसरा OMR उत्तर-पत्र नहीं दिया जायेगा। केवल OMR उत्तर-पत्र का ही मूल्यांकन किया जायेगा।
4. ऊपर दिये गये सभी स्थानों की प्रविष्टियों को काले/नीले बाल-प्वाइंट पेन से लिखें।
5. OMR उत्तर-पत्र के प्रथम पृष्ठ पर पेन से अपना अनुक्रमांक निर्धारित स्थान पर लिखें तथा नीचे दिये वृत्तों को गाढ़ा कर दें। जहाँ-जहाँ आवश्यक हो वहाँ प्रश्न-पुस्तिका का क्रमांक तथा सेट का नम्बर उचित स्थानों पर लिखें।
6. ओ० एम० आर० उत्तर-पत्र पर अनुक्रमांक संख्या, प्रश्न-पुस्तिका संख्या व सेट संख्या (यदि कोई हो) तथा प्रश्न-पुस्तिका पर अनुक्रमांक संख्या और ओ० एम० आर० उत्तर-पत्र संख्या की प्रविष्टियों में उपरिलेखन की अनुमति नहीं है।
7. उपर्युक्त प्रविष्टियों में कोई भी परिवर्तन कक्ष निरीक्षक द्वारा प्रमाणित होना चाहिये अन्यथा यह एक अनुचित साधन का प्रयोग माना जायेगा।
8. प्रश्न-पुस्तिका में प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं। प्रत्येक प्रश्न के वैकल्पिक उत्तर के लिये आपको OMR उत्तर-पत्र की सम्बन्धित पंक्ति के सामने दिये गये वृत्त को उत्तर-पत्र के प्रथम पृष्ठ पर दिये गये निर्देशों के अनुसार बाल-प्वाइंट पेन से गाढ़ा करना है।
9. प्रत्येक प्रश्न के उत्तर के लिये केवल एक ही वृत्त को गाढ़ा करें। एक से अधिक वृत्तों को गाढ़ा करने पर अथवा एक वृत्त को अपूर्ण भरने पर वह उत्तर गलत माना जायेगा।
10. ध्यान दें कि एक बार स्याही द्वारा अंकित उत्तर बदला नहीं जा सकता है। यदि आप किसी प्रश्न का उत्तर नहीं देना चाहते हैं, तो सम्बन्धित पंक्ति के सामने दिये गये सभी वृत्तों को खाली छोड़ दें। ऐसे प्रश्नों पर शून्य अंक दिये जायेंगे।
11. रफ कार्य के लिये इस पुस्तिका के मुखपृष्ठ के अंदर वाला पृष्ठ तथा अंतिम खाली पृष्ठ का प्रयोग करें।
12. परीक्षा के उपरान्त अभ्यर्थी ओ० एम० आर० उत्तर-पत्रक परीक्षा कक्ष/भवन में निरीक्षक की अवश्य सौंप दें। जबकि अभ्यर्थियों को प्रश्न-पुस्तिका और ओ० एम० आर० उत्तर-पत्रक की कापी अपने साथ ले जाने की अनुमति है।
13. अभ्यर्थी को परीक्षा समाप्त होने से पहले परीक्षा भवन से बाहर जाने की अनुमति नहीं होगी।
14. यदि कोई अभ्यर्थी परीक्षा में अनुचित साधनों का प्रयोग करता है, तो वह विश्वविद्यालय द्वारा निर्धारित दंड का/की भागी होगा/होगी।