

Set No. 1

18P/281/25

333

Total No. of Printed Pages : 28

Question Booklet No.....

(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 OMR 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/Invigilator 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 OMR Answer Sheet shall not be provided. Only the OMR Answer Sheet will be evaluated.*
4. Write all the 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 also Roll No. and OMR Answer Sheet Serial 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 OMR Answer Sheet by darkening the appropriate circle in the corresponding row of the OMR Answer Sheet, by ball-point 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 Text 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.

उत्तर-निर्देश हिन्दी में अन्तिम आवरण-पृष्ठ पर दिये गए हैं।

SPACE FOR ROUGH WORK

रफ़ कार्य के लिए जगह

No. of Questions : 120**Time : 2 Hours****Full Marks : 360**

- Note :**
- (1) Attempt as many questions as you can. Each question carries **3** marks. **One** mark will be deducted for each incorrect answer. No mark will be awarded for unattempted question.
 - (2) If more than one alternative answers seem to be approximate to the correct answer, choose the closest one.

1. A batsman scored 110 runs which included 3 boundaries and 8 sixes. What percent of his total score did he make by running between the wickets?

- (1) 45 (2) $45\frac{5}{11}$ (3) $54\frac{6}{11}$ (4) 55

2. 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, respectively, are :

- (1) 39, 30 (2) 41, 32 (3) 42, 33 (4) 43, 34

3. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had :

- (1) 588 apples (2) 600 apples (3) 672 apples (4) 700 apples

4. In a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is $\frac{2}{3}$ of the number of students of 8 years of age which is 48. What is the total number of students in the school?
- (1) 72 (2) 80 (3) 120 (4) 100
5. Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B . Find the ratio of $A : B$ —
- (1) 2 : 3 (2) 1 : 1 (3) 3 : 4 (4) 4 : 3
6. A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs 1,000 more than D , what is B 's share?
- (1) Rs 500 (2) Rs 1,500 (3) Rs 2,000 (4) Rs 2,500
7. In a mixture of 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is :
- (1) 20 litres (2) 30 litres (3) 40 litres (4) 60 litres
8. The ratio of the number of boys and girls in a college is 7 : 8. If the percentage increase in the number of boys and girls be 20% and 10% respectively, what will be the new ratio?
- (1) 8 : 9 (2) 17 : 18 (3) 21 : 22 (4) 23 : 24
9. A sum of money has been distributed among A, B and C in the ratio of 2 : 5 : 9. If A gets Rs 2,500, then what is the total money?
- (1) Rs 17,500 (2) Rs 12,500 (3) Rs 22,500 (4) Rs 20,000

10. The sum of three numbers is 98. If the ratio of the first to second number is 2 : 3 and that of the second to the third is 5 : 8, then the second number is :
- (1) 20 (2) 30 (3) 48 (4) 58
11. A man has Rs 480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has?
- (1) 45 (2) 60 (3) 75 (4) 90
12. If $(a - b) = 3$ and $(a^2 + b^2) = 29$, find the value of ab
- (1) 10 (2) 12 (3) 15 (4) 18
13. The price of 10 chairs is equal to that 4 tables. The price of 15 chairs and 2 tables together is Rs 4,000. The total price of 12 chairs and 3 tables is :
- (1) Rs 3,500 (2) Rs 3,750 (3) Rs 3,840 (4) Rs 3,900
14. To fill a tank, 25 buckets of water is required. How many buckets of water will be required to fill the same tank if the capacity of the bucket is reduced to two-fifth of its present?
- (1) 10 (2) 35 (3) 62.5 (4) 62
15. In a regular week, there are 5 working days and for each day, the working hours are 8. A man gets Rs 2.40 per hour for regular work and Rs 3.20 per hours for overtime. If he earns Rs 432 in 4 weeks, then how many hours does he work for?
- (1) 160 (2) 175 (3) 180 (4) 195

- 16.** If one-third of one-fourth of a number is 15, then three-tenth of that number will be?
(1) 35 (2) 36 (3) 45 (4) 54
- 17.** The difference between a two-digit number and the number obtained by interchanging the positions of its digits is 36. What is the difference between the two digits of that number?
(1) 3 (2) 4 (3) 9 (4) 7
- 18.** The sum of the squares of three numbers is 138, while the sum of their products taken two at a time is 131. Their sum is :
(1) 20 (2) 30 (3) 40 (4) 50
- 19.** In a two-digit, if it is known that its unit's digit exceeds its ten's digit by 2 and that the product of the given number and the sum of its digits is equal to 144, then the number is :
(1) 24 (2) 26 (3) 42 (4) 46
- 20.** A number consists of 3 digits whose sum is 10. The middle digit is equal to the sum of the other two and the number will be increased by 99, if its digits are reversed. The number is :
(1) 145 (2) 253 (3) 370 (4) 352
- 21.** A right triangle with sides 3 cm, 4 cm and 5 cm is rotated the side of 3 cm to form a cone. The volume of the cone so formed is :
(1) $12\pi \text{ cm}^3$ (2) $15\pi \text{ cm}^3$ (3) $16\pi \text{ cm}^3$ (4) $20\pi \text{ cm}^3$
- 22.** A hall is 15 m long and 12 m broad. If the sum of the areas of the floor and the ceiling is equal to the sum of the areas of four walls, the volume of the hall is :
(1) 720 (2) 900 (3) 1200 (4) 1800

23. A hollow iron pipe is 21 cm long and its external diameter is 8 cm. If the thickness of the pipe is 1 cm and iron weighs 8 g/cm^3 , then the weight of the pipe is :
- (1) 3.6 kg (2) 3.696 kg (3) 36 kg (4) 36.9 kg
24. A boat having a length 3 m and breadth 2 m is floating on a lake. The boat sinks by 1 cm when a man gets on it. The mass of the man is :
- (1) 12 kg (2) 60 kg (3) 72 kg (4) 96 kg
25. A metallic sheet is of rectangular shape with dimensions $48 \text{ m} \times 36 \text{ m}$. From each of its corners, a square is cut off so as to make an open box. If the length of the square is 8 m, the volume of the box (in m^3) is :
- (1) 4830 (2) 5120 (3) 6420 (4) 8960
26. If $A \$ B$ means A is the brother of B ; $B * C$ means B is the son of C ; $C @ D$ means C is the wife of D and $A \# D$ means A is the son of D , how C is related to A ?
- (1) Maternal grandmother (2) Maternal aunt
(3) Aunt (4) Mother
27. A is the son of C ; C and Q are sisters; Z is the mother of Q and P is the son of Z . Which of the following statements is true?
- (1) P and A are cousins.
(2) P is the maternal uncle of A .
(3) Q is the maternal grandfather of A .
(4) C and P are sisters.

28. If $A + B$ means A is the mother of B ; $A - B$ means A is the brother of B ; $A \% B$ means A is the father of B and $A \times B$ means A is the sister of B , which of the following shows that P is the maternal uncle of Q ?

- (1) $Q - N + M \times P$ (2) $P + S \times N - Q$
(3) $P - M + N \times Q$ (4) $Q - S \% P$

29. What will be at the place of ? in the following series :

2, 15, 41, 80, ?

- (1) 111 (2) 120 (3) 121 (4) 132

30. What will be at the place of ? in the following series :

35, 26, 17, ?

- (1) 3 (2) 6 (3) 8 (4) 9

31. What will be at the place of ? in the following series :

AZ, GT, MN, ?, YB

- (1) JH (2) SH (3) SK (4) TS

32. In a certain code language, '123' means 'bright little boy', '145' means 'tall big boy' and '637' means 'beautiful little flower'. Which digit in that language means 'bright'?

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

33. How many times are the hands of a clock at right angle in a half-day?

- (1) 22 (2) 24 (3) 44 (4) 48

34. Today is Monday. After 61 days, it will be :

- (1) Wednesday (2) Saturday (3) Tuesday (4) Thursday

35. Which of the following is not a leap year?
 (1) 700 (2) 800 (3) 1200 (4) 2000
36. A man walks 5 km towards South and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?
 (1) West (2) South (3) North-East (4) South-West
37. Two cars start from the opposite places of a main road, 150 km apart. First car runs for 25 km and takes a right turn and then runs 15 km. It then turns left and then runs for another 25 km and then takes the direction back to reach the main road. In the mean time, due to minor breakdown the other car has run only 35 km along the main road. What would be the distance between two cars at this point?
 (1) 65 km (2) 75 km (3) 80 km (4) 85 km
38. Sachin walks 20 km towards North. He turns left and walks 40 km. He again turns left and walks 20 km. Finally he moves 20 km after turning to the left. How far is he from his starting position?
 (1) 20 km (2) 30 km (3) 50 km (4) 60 km
39. Find the missing character (?) from among the given alternatives :

20160	4
?	4
480	8
96	24

- (1) 860 (2) 1140 (3) 2880 (4) 3240

40. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was :

- (1) 2500 (2) 2700 (3) 2900 (4) 3100

41. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P ?

- (1) A (2) X (3) S (4) Z

42. Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary. Who is sitting immediately to the right of Reeta?

- (1) Bindu (2) Rani (3) Mary (4) Seema

43. In an Exhibition seven cars of different companies—Cadillac, Ambassador, Fiat, Maruti, Mercedes, Bedford and Fargo are standing facing to East in the following order :

Cadillac is next to the right of Fargo.

Fargo is fourth to the right of Fiat.

Maruti car is between Ambassador and Bedford.

Fiat which is third to the left of Ambassador, is at one end.

Which of the cars are on both the sides of Cadillac car?

- (1) Ambassador and Maruti (2) Maruti and Fiat
(3) Fargo and Mercedes (4) Ambassador and Fargo

44. The film director wants an actress for the lead role of Lucy who perfectly fits the description that appears in the original screenplay. He is not willing to consider actresses who do not resemble the character as she is described in the screenplay, no matter how talented they are. The screenplay describes Lucy as an average-sized, forty something, red-haired, with deep brown eyes, very fair skin, and a brilliant smile. The casting agent has four actresses in mind :

Actress #1 is a stunning red-haired beauty who is 5'9" and in her mid-twenties. Her eyes are brown and she has an olive complexion.

Actress #2 has red hair, big brown eyes and a fair complexion. She is in her mid-forties and is 5'5".

Actress #3 is 5'4" and of medium build. She has red hair, brown eyes and is in her early forties.

Actress #4 is a blue-eyed red-haired in her early thirties. She's of very slight build and stands at 5'.

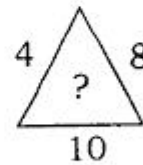
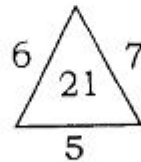
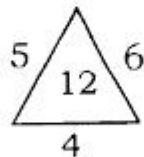
Which of the following has correct statements according to the above paragraph?

- (1) 1, 2 (2) 2, 3 (3) 1, 4 (4) 2, 4

45. The school principal has received complaints from parents about bullying in the school yard during recess. He wants to investigate and end this situation as soon as possible, so he has asked the recess aides to watch closely. Which situation should the recess aides report to the principal?

- (1) A girl is sitting glumly on a bench reading a book and not interacting with her peers
- (2) Four girls are surrounding another girl and seem to have possession of her backpack
- (3) Two boys are playing a one-on-one game of basketball and are arguing over the last basket scored
- (4) Three boys are huddled over a handheld video game, which isn't supposed to be on school grounds

46. Find the missing number (?) in the following :



- (1) 22 (2) 30 (3) 32 (4) None of these

47. In a certain language if ENTRY is coded as 12345 and STEADY is coded as 931785, then state which is the correct code for the word ARREST ?

- (1) 744589 (2) 744193 (3) 166479 (4) 745194

48. In a certain code, TEACHER is written as VGCEJGT. How is CHILDREN written in that code?

- (1) EJKNEGTP (2) EGKNFITP (3) EJKNFGTO (4) EJKNFTGP

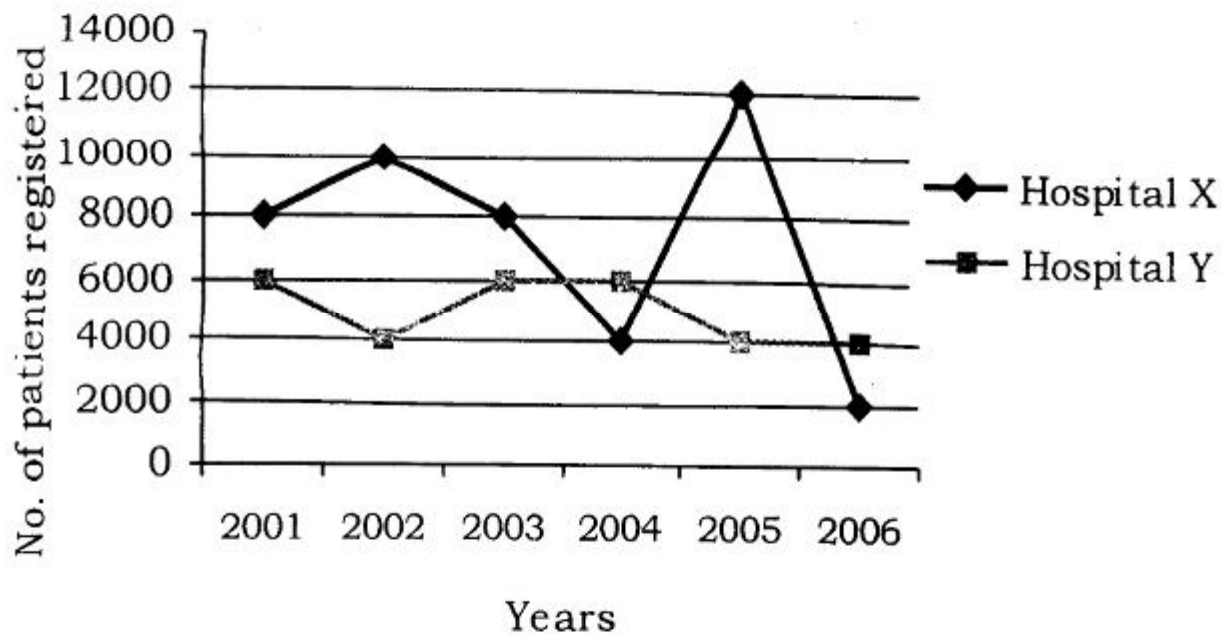
49. If VICTORY is coded as YLFWRUB, how can SUCCESS be coded?

- (1) VXEEIVV (2) VXFFHVV (3) VYEEHVV (4) VYEFIVV

50. Six persons A, B, C, D, E and F are standing in a circle. B is between D and C. A is between E and C. F is to the right of D. Who is between A and F ?

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

Directions (Question No. 51 to 55) : Study the following graph and answer the questions that follow.



51. In which year total number of patients registered in Hospital X and Hospital Y was maximum?
- (1) 2003 (2) 2004 (3) 2005 (4) 2006
52. What is the maximum dispersion in the registration of patients in the two hospitals in a year?
- (1) 8000 (2) 6000 (3) 4000 (4) 2000

- 53.** The average registration of Hospital X is higher than that of Hospital Y by :
- (1) 47% approximately (2) 48% approximately
 (3) 45% approximately (4) 49% approximately
- 54.** The maximum decrease in the registration of Hospital X and Hospital Y are :
- (1) 33.3% and 83.3%, respectively (2) 53.3% and 33.3%, respectively
 (3) 33% and 53%, respectively (4) 83.3% and 33.3%, respectively
- 55.** In which year, total number of patients registered in Hospital X and Hospital Y was least?
- (1) 2003 (2) 2004 (3) 2005 (4) 2006

Directions (Question No. **56** to **61**) : Read the table below and based on this table answer questions that follow.

Area under Major Horticulture Crops
(in lakh hectare)

	<i>Fruits</i>	<i>Vegetables</i>	<i>Flowers</i>	<i>Total Horticulture Area</i>
2005-2006	53	72	1	187
2006-2007	56	75	1	194
2007-2008	58	78	2	202
2008-2009	61	79	2	207
2009-2010	63	79	2	209

- 56.** Which of the following two years have recorded the highest rate of increase in area under the total horticulture?
- (1) 2005-2006 and 2006-2007 (2) 2006-2007 and 2008-2009
 (3) 2007-2008 and 2008-2009 (4) 2006-2007 and 2007-2008
- 57.** In the year 2009-2010 shares of the area under flowers, vegetables and fruits in the area under total horticulture are, respectively—
- (1) 1, 38 and 30 percent (2) 30, 38 and 1 percent
 (3) 38, 30 and 1 percent (4) 35, 36 and 2 percent
- 58.** Which of the following has recorded the highest rate of increase in area during 2005-2006 to 2009-2010 ?
- (1) Fruits (2) Vegetables
 (3) Flowers (4) Total horticulture
- 59.** Find out horticulture crop that has recorded an increase of area by around 10 percent from 2005-2006 to 2009-2010 :
- (1) Fruits (2) Vegetables
 (3) Flowers (4) Total horticulture
- 60.** What has been the share of area under fruits, vegetables and flowers in the area under total horticulture in 2007-2008 ?
- (1) 53 percent (2) 68 percent (3) 79 percent (4) 100 percent
- 61.** In which year, area under fruits has recorded the highest rate of increase?
- (1) 2006-2007 (2) 2007-2008 (3) 2008-2009 (4) 2009-2010

- 62.** When land is owned by Government and workers work as employees getting their wages regularly, it is called :
- (1) Peasant farming (2) Collective farming
(3) Capitalistic farming (4) State farming
- 63.** When farmers pool their land, labour and capital and work jointly under the direction of an elected managing committee and divide the profit among themselves in proportion of land contributed and wages earned by each one of them it is called :
- (1) Cooperative farming (2) Collective farming
(3) Capitalist farming (4) Peasant farming
- 64.** The author of the *Wealth of Nations* was :
- (1) Marshall (2) Ricardo
(3) George Orwell (4) Adam Smith
- 65.** Who announced the launch of 'Rashtriya Krishi Vikas Yojana' ?
- (1) Dr. Manmohan Singh (2) Shri Narendra Modi
(3) Shri Pranab Mukherjee (4) Dr. Pratibha Patil
- 66.** Seed is a :
- (1) immature embryo (2) mature embryo
(3) developed embryo (4) undeveloped embryo

67. 'Black heart' of potato is caused due to deficiency of :
(1) boron (2) zinc (3) iron (4) oxygen
68. 'Black tip' of mango is caused by :
(1) phythium (2) photosynthetas deficiency
(3) boron deficiency (4) zinc deficiency
69. 'Botulism' is caused by species of :
(1) *Bacillus* (2) *Pseudomonas*
(3) *Agrobacterium* (4) *Clostridium*
70. An antibody made by soyabeans can be used to treat :
(1) herpes zoster (2) sickle cell anemia
(3) measles (4) genital herpes
71. The enzyme which seals the foreign DNA into the vector is :
(1) restriction endonuclease (2) DNA polymerase
(3) DNA ligase (4) DNA mutase
72. Percentage of calcium in calcium carbonate is :
(1) 80% (2) 30% (3) 40% (4) 20%

73. What is the primary reason for blanching food?

- (1) Cleans the food
- (2) Prevents pest infestation
- (3) Inactivates enzymes in food
- (4) Prevents food from drying

74. From which plant source gluten is derived?

- (1) Soya
- (2) Rice
- (3) Corn
- (4) Wheat

Directions (Question No. **75** to **79**) : Read the following passage carefully and answer the questions based on it.

True, it is the function of the army to maintain law and order in abnormal times but in normal times there is another force that compels citizens to obey the laws and to act with due regard to the rights of others. The force also protects the lives and the properties of law abiding men. Laws are made to secure the personal safety of its subjects and to prevent murder and crimes of violence. They are made to secure the property of the citizens against theft and damage to protect the rights of communities and castes to carry out their customs and ceremonies, so long as they do not conflict with the rights of others. Now the good citizen, of his own free will obey these laws and he takes care that everything he does is done with due regard to the rights and well-being of others. But the bad citizen is only restrained from breaking these laws by fear of the consequence of his actions. And the necessary steps to compel the bad citizen to act as a good citizen are taken by this force. The supreme control of law and order in a State is in the hands of a Minister who is responsible to the State Assembly and acts through the Inspector General of Police.

75. The expression 'customs and ceremonies' means :

- (1) fairs and festivals
- (2) habits and traditions
- (3) usual practices and religious rites
- (4) superstitions and formalities

- 76.** A suitable title for the passage would be :
- (1) The function of the army
 - (2) Laws and the people's rights
 - (3) *The fear of the law and citizen's security*
 - (4) The functions of the police
- 77.** Out of the following, which one has the opposite meaning to the word 'restrained' in the passage?
- (1) Checked
 - (2) Encouraged
 - (3) Intruded
 - (4) Inhibited
- 78.** Which one of the following statements is implied in the passage?
- (1) *The army usually checks the citizens from violating the law.*
 - (2) Criminals, who flout the law, are seldom brought to book.
 - (3) The police hardly succeed in converting bad citizens into good citizens.
 - (4) The police check the citizens from violating the law.
- 79.** The last sentence of the passage implies that :
- (1) The Inspector General of Police is the sole authority in matters of law and order.
 - (2) In every State maintenance of public peace is under the overall control of the responsible minister.
 - (3) A Minister and a responsible State Assembly exercise direct authority in matters pertaining to law and order.
 - (4) The Inspector General of Police is responsible to the State Assembly for maintaining law and order.

Directions (Question No. **80** to **83**) : In the given sentences, choose the alternative that can replace the underlined word without changing its meaning.

80. The girls were surprised when they saw the beautiful flowers the delivery boy brought.

- (1) Frustrating (2) Pretty (3) Fast (4) Orange

81. My grandpa made the new dollhouse, complete with miniature furniture for every room.

- (1) Pretty (2) Tiny (3) Fresh (4) Tall

82. The boys on the soccer team were hungry after the game, so they went to eat pizza.

- (1) Bumpy (2) Happy (3) Starving (4) Full

83. Jennifer's roasted hot dog was ruined when it fell into the fire.

- (1) Flames (2) Water (3) Ground (4) Refrigerator

Directions (Question No. **84** to **87**) : In the given sentences substitute the underlined with the given word which is opposite in meaning.

84. The boy who fell was reckless.

- (1) Bad (2) Cautious (3) Crazy (4) Fearless

85. The winner was victorious.

- (1) Glorious (2) Happy (3) Defeated (4) Jubilant

86. Mary's friends are nice.

- (1) Angry (2) Annoyed (3) Dirty (4) Mean

87. The blacktop is paved.

- (1) Unpaved (2) Smooth (3) Slope (4) Cemented

Directions (Question No. 88 to 91) : From the given options, select the word which has been wrongly spelt.

88. (1) Superstitons (2) Salacious
(3) Somnambulist (4) Serendipity

89. (1) Exceptional (2) Maintenance
(3) Pertaining (4) Entertanment

90. (1) Practices (2) Rites (3) Rituales (4) Resonance

91. (1) Accelereted (2) Intruded (3) Inhibited (4) Initiate

Directions (Question No. 92 to 94) : Choose the correct preposition to fill in the blanks.

92. Suddenly Uncle Henry stood ———.

- (1) out (2) up (3) in (4) against

93. One glance told her of the danger close ——— hand.

- (1) in (2) on (3) under (4) at

94. Toto jumped —— of Dorothy's arms and hid under the bed.
(1) up (2) on (3) out (4) in
95. The rice inflorescence is called as :
(1) panicle (2) spikelets (3) ear (4) siliqua
96. DNA polymerase I was discovered by :
(1) Harshey (2) Yanofsky (3) Kornberg (4) Crick
97. The phenomenon of linkage was first observed by :
(1) Bateson and Punnet (2) Morgan
(3) Hugo de Vries (4) Mendel
98. 'Shaktiman' is a variety of :
(1) wheat (2) rice (3) jowar (4) maize
99. Transpiration is measured by :
(1) Lysimeter (2) Potometer (3) Tensiometer (4) Auxanometer
100. The end product of glycolysis is :
(1) glucose (2) sucrose (3) pyruvic acid (4) NADH

101. 'Blue Revolution' is related to :

- (1) oilseed production (2) milk production
(3) fish production (4) egg production

102. 'Foundation seed' is also known as :

- (1) Breeder seed (2) Mother seed
(3) Certified seed (4) Registered seed

103. 'Fixed cost' is also known as :

- (1) sunk cost (2) variable cost
(3) implicit cost (4) explicit cost

104. Which one of the following soils is best for vegetable production?

- (1) Sandy (2) Sandy loam (3) Clay loam (4) Clay

105. Which of the following city hosted the 'Global Entrepreneurship Summit 2017' ?

- (1) Hyderabad (2) Beijing (3) Frankfurt (4) Tokyo

106. Which of the following country will host 2018 FIFA World Cup?

- (1) Russia (2) China (3) Germany (4) Japan

107. Who amongst the following persons has been the first woman Deputy Governor of the RBI ?

- (1) Usha Thorat (2) Naina Lal Kidwai
(3) K. J. Udeshi (4) Shyamla Gopinath

108. 'Constitution Day' of India is celebrated on :

- | | |
|-----------------|----------------|
| (1) October 26 | (2) August 15 |
| (3) November 26 | (4) January 26 |

109. Service Tax was introduced in India on the recommendation of :

- (1) Kelkar Committee
- (2) Raja J. Chaliah Committee
- (3) Yashwant Sinha Committee
- (4) Manmohan Singh Committee

110. 'Black Revolution' is related to :

- | | |
|--------------------------|------------------------|
| (1) Fish production | (2) Mustard production |
| (3) Crude oil production | (4) Coal production |

111. The only State which produces saffron in India is :

- | | |
|----------------------|---------------------|
| (1) Himachal Pradesh | (2) Assam |
| (3) Meghalaya | (4) Jammu & Kashmir |

112. The Giant Panda belongs to the same family as that of :

- | | | | |
|---------|----------|---------|------------|
| (1) Cat | (2) Bear | (3) Dog | (4) Rabbit |
|---------|----------|---------|------------|

113. The release of which one of the following into ponds and wells helps in controlling mosquitoes?

- | | |
|-------------------|-------------|
| (1) Crab | (2) Dogfish |
| (3) Gambusia Fish | (4) Snail |

114. 'Wi-Max' is related to :

- | | |
|------------------------|------------------------------|
| (1) Biotechnology | (2) Space Technology |
| (3) Missile Technology | (4) Communication Technology |

115. Who discovered 'Heavy Water'?

- | | |
|--------------------|-------------------------|
| (1) Heinrich Hertz | (2) Harold Clayton Urey |
| (3) G. Mendel | (4) Joseph Priestly |

116. Human eyes can see wavelength in the range of :

- | | |
|----------------|----------------|
| (1) 250–390 nm | (2) 300–360 nm |
| (3) 380–800 nm | (4) 790–800 nm |

117. Two rings of symbol of Olympic Games are of blue and black colours. What are the other three colours?

- | | |
|-------------------------|------------------------|
| (1) Green, red, violet | (2) Red, violet, green |
| (3) Green, pink, yellow | (4) Green, yellow, red |

- 18.** Which country gifted the 'Statue of Liberty' to the United States of America?
(1) England (2) Australia (3) Italy (4) France
- 19.** 'Fly ash' is environment pollutant produced by :
(1) Thermal power plant (2) Oil refinery
(3) Hydroelectric power plants (4) Fertilizer plant
- 20.** The following is symbol of World Wide Fund (WWF) :
(1) Whale (2) Kangaroo (3) Bear (4) Giant Panda

SPACE FOR ROUGH WORK

रफ़ कार्य के लिए जगह

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 पृष्ठ या 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. ओ०एम०आर० उत्तर-पत्र अलग से दिया गया है। उसे न तो मोड़ें और न ही विकृत करें। दूसरा ओ०एम०आर० उत्तर-पत्र नहीं दिया जायेगा। केवल ओ०एम०आर० उत्तर-पत्र का ही मूल्यांकन किया जायेगा।
4. सभी प्रविष्टियाँ प्रथम आवरण-पृष्ठ पर नीली/काली बाल पेन से निर्धारित स्थान पर लिखें।
5. ओ०एम०आर० 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 एवं केन्द्र कोड नम्बर तथा सेट का नम्बर उचित स्थानों पर लिखें।
6. ओ०एम०आर० उत्तर-पत्र पर अनुक्रमांक संख्या, प्रश्न-पुस्तिका संख्या व सेट संख्या (यदि कोई हो) तथा प्रश्न-पुस्तिका पर अनुक्रमांक सं० और ओ०एम०आर० उत्तर-पत्र सं० 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 ओ०एम०आर० उत्तर-पत्र की सम्बन्धित पंक्ति के सामने दिये गये वृत्त को ओ०एम०आर० उत्तर-पत्र के प्रथम पृष्ठ पर दिये गये निर्देशों के अनुसार 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 प्रश्न-पुस्तिका के मुखपृष्ठ के अन्दर वाले पृष्ठ तथा अंतिम पृष्ठ का प्रयोग करें।
12. परीक्षा की समाप्ति के बाद अभ्यर्थी अपना ओ०एम०आर० उत्तर-पत्र परीक्षा कक्ष/हाल में कक्ष निरीक्षक को सौंप दें। अभ्यर्थी अपने साथ प्रश्न-पुस्तिका तथा ओ०एम०आर० उत्तर-पत्र की प्रति ले जा सकते हैं।
13. 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।