

17P/223/21(i)

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

Roll No.

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Serial No. of OMR Answer Sheet

2017

66.

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 without its envelope.
3. A separate 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 your Roll Number and Serial Number of the Answer Sheet by pen in the space provided above.
5. On the front page of the Answer Sheet, write by pen your Roll Number in the space provided at the top and by darkening the circles at the bottom. Also, wherever applicable, write the Question Booklet Number and the Set Number in appropriate places.
6. No overwriting is allowed in the entries of Roll No., Question Booklet No. and Set no. (if any) on OMR sheet and Roll No. and OMR 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 Answer Sheet.
9. For each question, darken only one circle on the 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 marks).
11. For rough work, use the inner back page of the title cover and the blank page at the end of this Booklet.
12. Deposit only OMR Answer Sheet at the end of the Test.
13. You 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.

Total No. of Printed Pages : 32

[उपरोक्त निर्देश हिन्दी में अन्तिम आवरण पृष्ठ पर दिये गए हैं।]

17P/223/21(i)

ROUGH WORK  
रफ़ कार्य

• ५५

M.L.I.S. Code No. (456)

2.17

17P/223/21(i)

No. of Questions : 120

Time : 2 Hours

Full Marks : 360

Note : (1) 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.

01. Who is the youngest girl to climb Mt. Everest ?

- |                   |                      |
|-------------------|----------------------|
| (1) Bachendri Pal | (2) Malavath Poorna  |
| (3) Arunima Sinha | (4) Premlata Agarwal |

02. What is Nyctalopia ?

- |                       |                      |
|-----------------------|----------------------|
| (1) Night blindness   | (2) Colour blindness |
| (3) Short sightedness | (4) Snow blindness   |

03. Blue Revolution aims at :

- |                                |                                |
|--------------------------------|--------------------------------|
| (1) Increasing food production | (2) Increasing milk production |
| (3) Increasing fish production | (4) Increasing egg production  |

04. Which instrument is used to see objects at the surface of water from a submarine under water ?

- |                  |                  |
|------------------|------------------|
| (1) Spectroscope | (2) Kaleidoscope |
| (3) Telescope    | (4) Periscope    |

**05.** Which regiment of the Indian Army is the most decorated infantry regiment ?

- |                      |                     |
|----------------------|---------------------|
| (1) Sikh Regiment    | (2) Kumaon Regiment |
| (3) Maratha Regiment | (4) Gorkha Regiment |

**06.** Which is the fastest train in India ?

- (1) New Delhi-Bhopal Shatabdi Express
- (2) Sealdah - New Delhi Durono Express
- (3) Mumbai - New Delhi Rajdhani Express
- (4) Taj Express

**07.** Which among the following is a nuclear power station ?

- (1) Kaiga Power Plant, Karnataka.
- (2) Wardha Warora Power Plant, Maharashtra.
- (3) Kota Power Plant, Rajasthan.
- (4) Tanda Power Plant, Uttar Pradesh.

**08.** Which of the following newspapers was started by Pandit Jawaharlal Nehru ?

- |                            |                         |
|----------------------------|-------------------------|
| (1) Northern India Patrika | (2) The National Herald |
| (3) Dainik Jagran          | (4) The Pioneer         |

09. Which Maratha leader of Indian rebellion of 1857 was executed at Shivpuri located in Madhya Pradesh ?
- (1) Rani Laxmi Bai (2) Nana Sahib  
(3) Nana Farnavis (4) Tatia Tope
10. Which Maratha statesman of Peshwa period was called as Maratha Machiavelli by the Europeans ?
- (1) Peshwa Baji Rao II (2) Nana Farnavis  
(3) Bal Gangadhar Tilak (4) Gopal Krishna Gokhale
11. Identify the odd among the following :
- (1) Sri Lanka (2) Pakistan  
(3) China (4) Myanmar
12. Who is the author of Sahitya Akademi Award (2014) winning book "Trying to Say Good Bye" ?
- (1) Amit Chaudhuri (2) Amitav Ghosh  
(3) Ruskin Bond (4) Adil Jussawalla
13. Who among the following Indians won two Academy Awards (OSCAR) in the same year ?
- (1) Satyajit Ray (2) Ismail Merchant  
(3) Mira Nair (4) A. R. Rahman

**14.** Frederick Sanger received Nobel Prize twice for :

- (1) Chemistry in 1958 and 1980
- (2) Physics in 1956 and 1972
- (3) Chemistry in 1954 and Peace in 1962
- (4) Physics in 1903 and Chemistry in 1911

**15.** Who was the first Indian Chief of Army Staff of the Indian Army ?

- (1) Field Marshal K M Cariappa
- (2) Field Marshal Sam Manekshaw
- (3) Gen. K S Thimayya
- (4) Gen. J N Chaudhuri

**16.** G-15 is a group of :

- |                         |                          |
|-------------------------|--------------------------|
| (1) First World Nations | (2) Second World Nations |
| (3) Third World Nations | (4) Fourth World Nations |

**17.** Which day is celebrated as National Voter's Day ?

- |                |                 |
|----------------|-----------------|
| (1) 25 January | (2) 26 January  |
| (3) 1 April    | (4) 5 September |

**18.** Who was the founder of scouting movement ?

- |                      |                         |
|----------------------|-------------------------|
| (1) R. Tait McKenzie | (2) Norman Rockwell     |
| (3) Pierre Joubert   | (4) Robert Baden Powell |

19. North-East Frontier Agency (NEFA) is now known as :
- |              |                       |
|--------------|-----------------------|
| (1) Meghalay | (2) Nagaland          |
| (3) Mizoram  | (4) Arunachal Pradesh |
20. The distance between the two rails of broad gauge railways in India is :
- |                  |                 |
|------------------|-----------------|
| (1) 5ft          | (2) 5ft-3inches |
| (3) 5ft-6 inches | (4) 7ft         |
21. Cricket World Cup tournament is played every :
- |                |                 |
|----------------|-----------------|
| (1) Two years  | (2) Three years |
| (3) Four years | (4) Five years  |
22. Which river originating in Angsi Glacier in Tibet flows in India ?
- |            |                 |
|------------|-----------------|
| (1) Chenab | (2) Beas        |
| (3) Jhelum | (4) Brahmaputra |
23. India's only offshore oil field is located off the coast of :
- |                   |              |
|-------------------|--------------|
| (1) Visakhapatnam | (2) Chennai  |
| (3) Mumbai        | (4) Paradeep |
24. The famous painting 'The Last Supper' is the creation of :
- |                       |                      |
|-----------------------|----------------------|
| (1) Leonardo da Vinci | (2) Vincent van Gogh |
| (3) Michelangelo      | (4) Pablo Picasso    |

25. Pt. Shiv Kumar Sharma is a :

- |                    |                   |
|--------------------|-------------------|
| (1) Sitar player   | (2) Sarod player  |
| (3) Santoor player | (4) Guitar player |

26. Which national park/zoological park has largest number of white tigers ?

- (1) Jim Corbett National Park
- (2) Gir Forest National Park
- (3) Bandhavgarh National Park
- (4) Nandankanan Zoological Park

27. What is the highest denomination banknote that the Reserve Bank of India can issue ?

- |              |               |
|--------------|---------------|
| (1) Rs. 1000 | (2) Rs. 2000  |
| (3) Rs. 5000 | (4) Rs. 10000 |

28. Manpreet runs faster than Govind; Lalit runs slower than Nandu; Govind runs faster than Lalit; Nandu runs faster than Manpreet. Who among them runs fastest ?

- |              |            |
|--------------|------------|
| (1) Manpreet | (2) Govind |
| (3) Lalit    | (4) Nandu  |



29. *Statement-A*: The petrol and diesel prices in the domestic market have remained unchanged for the past few months.

*Statement-B*: The crude oil prices in the international market have gone up substantially in the last few months.

Identify the correct option :

- (1) Statement -A is the cause and Statement-B is its effect
  - (2) Statement-B is the cause and Statement-A is its effect
  - (3) Both the Statement-A and Statement-B are independent causes
  - (4) Both the Statement-A and Statement-B are effects of independent causes
30. Pankaj has been asking his parents for a dog. His parents told him that a dog would not be happy in a flat, but he could have a bird.

Identify what can be definitely ascertained from the above statement:

- (1) Pankaj's parents like birds better than dogs
  - (2) Pankaj does not like birds
  - (3) Pankaj and his parents live in a flat
  - (4) Pankaj and his parents want to shift to a house
31. Premod walks 20 m towards south; then turning to his right he walks 30 m; then turning to his left he walks 20 m; again turning to his left he walks 30 m. How far is he from his starting position?

- |           |          |
|-----------|----------|
| (1) 100 m | (2) 80 m |
| (3) 60 m  | (4) 40 m |

32. Your local FM station is holding a dial-in contest. Every fourth caller wins a free movie pass, while every sixth caller wins a fast food coupon. Which caller will be the first to win both the prizes ?

- |                      |                      |
|----------------------|----------------------|
| (1) 8 <sup>th</sup>  | (2) 10 <sup>th</sup> |
| (3) 12 <sup>th</sup> | (4) 24 <sup>th</sup> |

33. Who is the chairman of NITI Ayog ?

- |                    |                      |
|--------------------|----------------------|
| (1) President      | (2) Vice-President   |
| (3) Prime Minister | (4) Finance Minister |

34. Who was the first woman Chief Election Commissioner of India ?

- |                   |                   |
|-------------------|-------------------|
| (1) Meira Kumar   | (2) V S Rama Devi |
| (3) Pratiba Patil | (4) Indira Gandhi |

35. The famous play 'Ghasiram Kotwal' is written by whom ?

- |                   |                     |
|-------------------|---------------------|
| (1) Girish Karnad | (2) Vijay Tendulkar |
| (3) Badal Sarkar  | (4) Safdar Hashmi   |

36. The width-length ratio of our National Flag is :

- |           |           |
|-----------|-----------|
| (1) 1 : 2 | (2) 2 : 3 |
| (3) 3 : 4 | (4) 3 : 5 |

37. Maitree Express train runs between :

- |                          |                        |
|--------------------------|------------------------|
| (1) India and Mynamar    | (2) India and Pakistan |
| (3) India and Bangladesh | (4) India and Bhutan   |

38. Srirangapatna, where the famous Ranganathaswamy Temple is located, is surrounded by which river ?
- (1) Godavari (2) Narmada  
(3) Krishna (4) Kaveri
39. Madhubani style of folk painting originated in which state ?
- (1) Bihar (2) Jharkhand  
(3) Uttar Pradesh (4) Madhya Pradesh
40. Kishan Cariappa is a :
- (1) Cricket player (2) Football player  
(3) Hockey player (4) Kabaddi player
41. Pravasi Bharatiya Samman Award winner Satya Nadella is CEO of which company ?
- (1) Oracle (2) Microsoft  
(3) IBM (4) Infosys
42. The slogan 'Aaram Haram Hai' was coined by :
- (1) Jawaharlal Nehru (2) Charan Singh  
(3) Lal Bahadur Shastri (4) Indira Gandhi

**43.** Heavy Water is used in :

- |                   |                      |
|-------------------|----------------------|
| (1) Steam Boilers | (2) Nuclear Reactors |
| (3) Gold melting  | (4) Coal cleaning    |

**44.** Kyoto Protocol is related to :

- (1) Reduction of green house gases
- (2) Fight against terrorism
- (3) Exchange of prisoners
- (4) Diplomatic protection

**45.** Indicate the appropriate word to be filled in the gap : As cow is to bull, ..... is to fox :

- |           |           |
|-----------|-----------|
| (1) Jenny | (2) Bitch |
| (3) Vixen | (4) Doe   |

**46.** Indicate the appropriate word to be filled in the gap : As education is to ignorance, medicine is to ..... :

- |             |             |
|-------------|-------------|
| (1) Doctor  | (2) Nurse   |
| (3) Patient | (4) Disease |

47. Indicate the appropriate word to be filled in the gap : As biography is to man, history is to ..... :
- |            |               |
|------------|---------------|
| (1) Leader | (2) Geography |
| (3) Nation | (4) Politic   |
48. Find out the odd among the following :
- |            |            |
|------------|------------|
| (1) Ginger | (2) Chili  |
| (3) Garlic | (4) Potato |
49. Find out the odd among the following :
- |            |            |
|------------|------------|
| (1) Butter | (2) Cheese |
| (3) Curd   | (4) Oil    |
50. If the 8<sup>th</sup> day of a month is a Sunday, which day will be the 4<sup>th</sup> Wednesday of that month ?
- |                      |                      |
|----------------------|----------------------|
| (1) 24 <sup>th</sup> | (2) 25 <sup>th</sup> |
| (3) 26 <sup>th</sup> | (4) 27 <sup>th</sup> |
51. Five books A, B, C, D and E are placed on a table. If A is placed below E, C is placed above D, B is placed below A and D is placed above E, then which book touches the surface of the table ?
- |       |       |
|-------|-------|
| (1) A | (2) B |
| (3) C | (4) D |

52. How many times the two hands of a clock do coincide in a day ?

(1) 20

(2) 21

(3) 22

(4) 24

53. If Amit is the brother of the son of Binod's son, how is Amit related to Binod ?

(1) Son

(2) Brother

(3) Uncle

(4) Grandson

54. Aryan and Veena are a married couple; Krishna and Balram are brothers; and Krishna is the brother of Aryan. How is Balram is related to Veena ?

(1) Brother

(2) Brother-in-Law

(3) Son

(4) Son-in-Law

55. Anand and Bhushan started a small business by investing ₹ 4000 and ₹ 5000 respectively. What will be the share of Anand out of first month's total profit of ₹ 1800 ?

(1) ₹ 400

(2) ₹ 600

(3) ₹ 800

(4) ₹ 1000

56. In how many ways 4 boy students and 2 girl students of a class can sit on a bench ?
- (1) 240 (2) 580  
(3) 640 (4) 720
57. Alum is used in water purification for :
- (1) Killing bacteria  
(2) Removing salts  
(3) Removing iron particles  
(4) Coagulation of mud particles
58. Google Chrome is a :
- (1) Search Engine (2) Internet Browser  
(3) System software (4) Social Networking Site
59. Who was the author of Nāṭya Śāstra, the main source of Indian classical dancing ?
- (1) Parashuram (2) Muni Vyas  
(3) Bharat Muni (4) Avinabh Gupta
60. Which unit of Indian Navy protects the naval assets of India ?
- (1) Sagar Rakshak Bal (2) Sagar Suraksha Bal  
(3) Sagar Prahari Bal (4) Sagar Nigrani Bal

61. Which sportsperson is nicknamed 'Payyoli Express' ?

- |                   |                        |
|-------------------|------------------------|
| (1) Milkha Singh  | (2) P. T. Usha         |
| (3) Shiny Abraham | (4) Jyotirmoyee Sikdar |

62. Match the following :

- |                   |                               |
|-------------------|-------------------------------|
| (A) Arundhati Roy | (i) A Suitable Boy            |
| (B) Kiran Desai   | (ii) The Namesake             |
| (C) Jhumpa Lahiri | (iii) The God of Small Things |
| (D) Vikram Seth   | (iv) The Inheritance of Loss  |

- |     | A   | B   | C   | D  |
|-----|-----|-----|-----|----|
| (1) | i   | iii | iv  | ii |
| (2) | ii  | i   | iii | iv |
| (3) | iii | iv  | ii  | i  |
| (4) | iv  | iii | i   | ii |

63. The first monorail in the country has been introduced in which city ?

- |             |               |
|-------------|---------------|
| (1) Kolkata | (2) Mumbai    |
| (3) Delhi   | (4) Bangalore |



64. The longest solar eclipse of this century occurred on :

- |                   |                      |
|-------------------|----------------------|
| (1) July 16, 2000 | (2) October 28, 2004 |
| (3) July 22, 2009 | (4) June 15, 2011    |

65. Which among the following is a Cash Crop ?

- |            |            |
|------------|------------|
| (1) Coffee | (2) Potato |
| (3) Tomato | (4) Banana |

66. Who among the following was the brain behind the 'Chittagong Armoury Raid' ?

- |                  |                         |
|------------------|-------------------------|
| (1) Ganesh Ghosh | (2) Chandrashekhar Azad |
| (3) Surya Sen    | (4) Lala Hardayal       |

67. Which is the correct chronological order of invention of the following storage media ?

- (1) Floppy Disk - CD - DVD - Pen-drive
- (2) Floppy Disk - DVD - CD - Pen-drive
- (3) Floppy Disk - CD - Pen-drive - DVD
- (4) Floppy Disk - Pen-drive - CD - DVD

**68.** Jack Dorsey was associated with launching of which social networking site ?

- |              |              |
|--------------|--------------|
| (1) Facebook | (2) Twitter  |
| (3) Orkut    | (4) LinkedIn |

**69.** Which among the following has been included among UNESCO's List of World Heritage Sites in 2014 ?

- (1) Western Ghats
- (2) Hill Forts of Rajasthan
- (3) Valley of Flowers
- (4) Great Himalayan National Park

**70.** Which is the correct earlier to later order among the following Prime Ministers of India ?

- (1) Morarji Desai – Lal Bahadur Shastri – Charan Singh – V P Singh
- (2) V P Singh – Morarji Desai – Lal Bahadur Shastri – Charan Singh
- (3) Morarji Desai – Lal Bahadur Shastri – V P Singh – Charan Singh
- (4) Lal Bahadur Shastri – Morarji Desai – Charan Singh – V P Singh

**71.** Republic of Namibia is located in :

- |                   |            |
|-------------------|------------|
| (1) South America | (2) Africa |
| (3) Middle-East   | (4) Europe |

72. Medha Patkar is associated with :

- |                            |                            |
|----------------------------|----------------------------|
| (1) Chipko Andolan         | (2) Bachpan Bachao Andolan |
| (3) Narmada Bachao Andolan | (4) Beej Bachao Andolan    |

73. The character of Tin Tin was created by :

- |                  |                  |
|------------------|------------------|
| (1) Georges Remi | (2) Fujiko Fujio |
| (3) Stan Lee     | (4) Bob Kane     |

74. White flag signifies :

- |                    |           |
|--------------------|-----------|
| (1) Hospital zone  | (2) Truce |
| (3) Shooting range | (4) SOS   |

75. Identify the odd among the following :

- |                  |                     |
|------------------|---------------------|
| (1) Wood : Table | (2) Cloth : Garment |
| (3) Iron : Zinc  | (4) Paper : Book    |

76. Which pair of words is different from other pairs :

- |                     |                    |
|---------------------|--------------------|
| (1) Black and white | (2) Day and Night  |
| (3) Tall and Short  | (4) House and Door |

77. 'Mangrove' is found :

- |                  |                    |
|------------------|--------------------|
| (1) In orchard   | (2) In deep forest |
| (3) On riverside | (4) Near sea coast |

**78.** What is the price of the inland letter card sold by Indian post offices ?

- |         |            |
|---------|------------|
| (1) ₹ 2 | (2) ₹ 2.50 |
| (3) ₹ 3 | (4) ₹ 5    |

**79.** Which among the following is a pure science as against applied sciences ?

- |                 |                 |
|-----------------|-----------------|
| (1) Chemistry   | (2) Technology  |
| (3) Engineering | (4) Agriculture |

**80.** Indicate the appropriate figure to be filled in the blank : Minors above ..... years can be allowed by the banks to independently open and operate saving banks accounts, as per RBI Guidelines.

- |        |        |
|--------|--------|
| (1) 10 | (2) 12 |
| (3) 14 | (4) 16 |

**81.** Which among the following countries has adopted Euro (€) as official currency in January 2015 ?

- |             |               |
|-------------|---------------|
| (1) Russia  | (2) Lithuania |
| (3) Hungary | (4) Sweden    |

**82.** Which among the following shows logical order of concepts ?

- (1) PARAGRAPH - WORD - ALPHABET - SENTENCE - CLAUSE
- (2) WORD - ALPHABET - PARAGRAPH - SENTENCE - CLAUSE
- (3) PARAGRAPH - SENTENCE - CLAUSE - WORD - ALPHABET
- (4) ALPHABET - CLAUSE - WORD - SENTENCE - PARAGRAPH

83. Which among the following shows dictionary order of words ?
- (1) BOOK-BOOKLET-BOOKING-BOOKKEEPING-BOOKWORM
  - (2) BOOK-BOOKING-BOOKKEEPING-BOOKLET-BOOKWORM
  - (3) BOOK-BOOKING-BOOKLET-BOOKKEEPING-BOOKWORM
  - (4) BOOK-BOOKKEEPING-BOOKING-BOOKLET-BOOKWORM
84. Which city is popularly known as Cyberabad ?
- (1) Bangalore
  - (2) Hyderabad
  - (3) Ahmedabad
  - (4) Faridabad
85. Who was the author of 'Kabuliwala' ?
- (1) Bankim Chandra Chattopadhyay
  - (2) Munshi Premchand
  - (3) Sarat Chandra Chattopadhyay
  - (4) Rabindranath Tagore
86. One who looks after a museum is known as ?
- (1) Museologist
  - (2) Musicologist
  - (3) Librarian
  - (4) Curator
87. Photosynthesis is related to :
- (1) Photography
  - (2) Criminology
  - (3) Botany
  - (4) Reprography

88. Which scheme has been launched by the Prime Minister for improving agricultural farm productivity ?

- |                          |                              |
|--------------------------|------------------------------|
| (1) Soil Health Scheme   | (2) Soil Health Card Scheme  |
| (3) Soil Analysis Scheme | (4) Soil Conservation Scheme |

89. Which of the following shows north to south sequence ?

- (1) Chandigarh - Delhi - Bhopal - Hyderabad - Bangalore
- (2) Delhi - Chandigarh - Bhopal - Bangalore - Hyderabad
- (3) Delhi - Chandigarh - Bhopal - Hyderabad - Bangalore
- (4) Chandigarh - Delhi - Bhopal - Bangalore - Hyderabad

90. Washing soda is the common name of :

- |                       |                         |
|-----------------------|-------------------------|
| (1) Sodium carbonate  | (2) Sodium bicarbonate  |
| (3) Calcium carbonate | (4) Calcium bicarbonate |

91. Which is the softest metal available on the earth ?

- |            |            |
|------------|------------|
| (1) Silver | (2) Gold   |
| (3) Copper | (4) Cesium |

92. Which element is common in all acids ?

- |            |              |
|------------|--------------|
| (1) Oxygen | (2) Hydrogen |
| (3) Carbon | (4) Sulphur  |

93. What does URL stand for in the context of Internet ?

- (1) Uniform Resource Locator
- (2) Unique Resource Locator
- (3) Unique Reference Locator
- (4) Unique Resource Link

94. Which is the first web based email service ?

- (1) Gmail
- (2) Yahoo mail
- (3) Hotmail
- (4) Rediff mail

95. Who was the inventor of email ?

- (1) Tim Berners-Lee
- (2) Bill Gates
- (3) V. A. Siva Ayyadurai
- (4) Jack Smith

96. AIDS stands for :

- (1) Acute Immune Defficiency Syndrome
- (2) Acquired Immune Defficiency Syndrome
- (3) Acute Internal Dehydration Symptoms
- (4) Acute Insulin Defficiency Symptoms

97. Which antibiotic was discovered first ?

- (1) Pencillin
- (2) Teracycline
- (3) Streptomycin
- (4) Amoxicillin

**98.** Plants mainly receive their nutrients from :

- |                |           |
|----------------|-----------|
| (1) Atmosphere | (2) Light |
| (3) Rainfall   | (4) Soil  |

**99.** The scientific study of the microscopic structure of plant and animal tissues is known as :

- |                |               |
|----------------|---------------|
| (1) Physiology | (2) Pathology |
| (3) Histology  | (4) Cytology  |

**100.** Glucose is stored in our body in the form of :

- |                |                |
|----------------|----------------|
| (1) Insulin    | (2) Glycogen   |
| (3) Amino Acid | (4) Body Fluid |

**101.** The term 'epicentre' is associated with :

- |                 |               |
|-----------------|---------------|
| (1) Earthquakes | (2) Tornadoes |
| (3) Cyclones    | (4) Floods    |

**102.** If all the numbers from 1 to 100 are written down, how many times 4 will appear ?

- |        |        |
|--------|--------|
| (1) 10 | (2) 19 |
| (3) 20 | (4) 21 |



103. Who among the following has made three Test centuries in his first three innings as captain ?

- |                  |                 |
|------------------|-----------------|
| (1) Viv Richards | (2) Steve Waugh |
| (3) M. S. Dhoni  | (4) Virat Kohli |

104. In the context of banking IFSC stands for :

- (1) International Fiscal System Code
- (2) International Financial System Code
- (3) Indian Fiscal System Code
- (4) Indian Financial System Code

105. The term 'Bullion' refers to :

- |                     |                           |
|---------------------|---------------------------|
| (1) Precious metals | (2) Shares                |
| (3) Livestock       | (4) Agricultural products |

106. The five-point star mark at the back of modern Indian coins denotes that those coins have been minted at :

- |                    |                 |
|--------------------|-----------------|
| (1) Kolkata Mint   | (2) Mumbai Mint |
| (3) Hyderabad Mint | (4) Noida Mint  |

**107.** 'Panchatantra' was originally written by whom ?

- |                   |              |
|-------------------|--------------|
| (1) Bhasa         | (2) Kalidasa |
| (3) Vishnu Sharma | (4) Somadava |

**108.** In the context of modern printing and publishing DTP stands for :

- (1) Desk-top Printing
- (2) Desk-top Publishing
- (3) Data Transmission Protocol
- (4) Data Tabulation Programme

**109.** 'Poetics', the earliest surviving work on dramatic theory, is the creation of :

- |               |              |
|---------------|--------------|
| (1) Aristotle | (2) Plato    |
| (3) Socrates  | (4) Epicurus |

**110.** Mission 'Indradhanush' launched by the Government of India relates to :

- |                              |                        |
|------------------------------|------------------------|
| (1) Saving of girl child     | (2) Saving of peacocks |
| (3) Immunization of children | (4) Women empowerment  |

**111.** Alfred Nobel, on whose name Nobel Prize has been instituted, was inventor of :

- |                |                   |
|----------------|-------------------|
| (1) Gun powder | (2) Dynamite      |
| (3) Rocket     | (4) Armoured Tank |

112. Which is the correct chronological order of the following captains of Indian cricket team?

- (1) Sunil Gavaskar - Gundappa Visvanath - Bishen Singh Bedi - Kapil Dev
- (2) Sunil Gavaskar - Gundappa Visvanath - Kapil Dev - Bishen Singh Bedi
- (3) Sunil Gavaskar - Bishen Singh Bedi - Gundappa Visvanath - Kapil Dev
- (4) Sunil Gavaskar - Bishen Singh Bedi - Kapil Dev - Gundappa Visvanath

113. For environmental mass awareness, Paryavaran Vahini Scheme was launched in the year :

- |          |          |
|----------|----------|
| (1) 1988 | (2) 2003 |
| (3) 1992 | (4) 1998 |

114. Disaster Management Act in India came into existence in the year :

- |          |          |
|----------|----------|
| (1) 2003 | (2) 2005 |
| (3) 1998 | (4) 2006 |

115. Which among the following is superior carbon fixer per unit area for bioenergy generation ?

- |                      |            |
|----------------------|------------|
| (1) Trees            | (2) Shrubs |
| (3) Blue-green algae | (4) Crops  |

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**116.** A point source of sound produces a noise of 70 dB at a distance of 20 m from it. What will be the noise level at 80 m from it ?

- |           |           |
|-----------|-----------|
| (1) 35 dB | (2) 64 dB |
| (3) 58 dB | (4) 52 dB |

**117.** Spectral reflectance of leaf is highest for which band ?

- |                   |                     |
|-------------------|---------------------|
| (1) Blue          | (2) Green           |
| (3) Near infrared | (4) Middle infrared |

**118.** Which of the following ranges of scale lengths represents meso-scale motions in atmosphere ?

- |                    |                   |
|--------------------|-------------------|
| (1) 30 km – 400 km | (2) 500 m – 10 km |
| (3) 1 km – 2 km    | (4) 100 m – 1 km  |

**119.** UN Decade of Education for Sustainable Development is :

- |               |               |
|---------------|---------------|
| (1) 2000–2009 | (2) 2005–2014 |
| (3) 2010–2019 | (4) 2020–2031 |

**120.** The natural sources of methyl bromide in the atmosphere is :

- |               |                |
|---------------|----------------|
| (1) Ocean     | (2) Volcanoes  |
| (3) Landslide | (4) Vegetation |

**17P/223/21(i)**

**ROUGH WORK**  
**रफ़ कार्य**

17P/223/21(i)

**ROUGH WORK**

रफ़ कार्य

## अभ्यर्थियों के लिए निर्देश

(इस पुस्तिका के प्रथम आवरण पृष्ठ पर तथा 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 लिफाफा रहित प्रवेश-पत्र के अतिरिक्त, लिखा या सादा कोई भी खुला कागज साथ में न लायें।
3. उत्तर-पत्र अलग से दिया गया है। इसे न तो मोड़ें और न ही विकृत करें। दूसरा उत्तर-पत्र नहीं दिया जायेगा। केवल उत्तर-पत्र का ही मूल्यांकन किया जायेगा।
4. अपना अनुक्रमांक तथा उत्तर-पत्र का क्रमांक प्रथम आवरण-पृष्ठ पर पेन से निर्धारित स्थान पर लिखें।
5. 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 पत्र पर अनुक्रमांक संख्या, प्रश्नपुस्तिका संख्या व सेट संख्या (यदि कोई हो) तथा प्रश्नपुस्तिका पर अनुक्रमांक और ओ० एम० आर० 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 लिए आपको उत्तर-पत्र की सम्बन्धित पंक्ति के सामने दिये गये वृत्त को उत्तर-पत्र के प्रथम पृष्ठ पर दिये गये निर्देशों के अनुसार पेन से गाढ़ा करना है।
9. प्रत्येक प्रश्न के उत्तर के लिए 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 संबंधित पंक्ति के सामने दिये गये सभी वृत्तों को खाली छोड़ दें। ऐसे प्रश्नों पर शून्य अंक दिये जायेंगे।
11. रफ कार्य के लिए प्रश्न-पुस्तिका के मुखपृष्ठ के अंदर वाला पृष्ठ तथा उत्तर-पुस्तिका के अंतिम पृष्ठ का प्रयोग करें।
12. परीक्षा के उपरान्त केवल ओ एम आर उत्तर-पत्र परीक्षा भवन में जमा कर दें।
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।