A

Series
A

CODE : GEM-7/21

Write here Roll Number and Answer Sheet No.

Question Booklet Sl. No.

Roll No.

Answer Sheet No.

Duration : 2 Hours

Total Marks : 200

Declaration by Invigilator :
I Certify that I have checked that the Roll Number and the Answer Sheet Number written by the Candidate on the question paper and the OMR Sheet are correct and the Answer Sheet Number matches the Question Booklet Number exactly.

Signature of the Invigilator with Name

Declaration by Candidate :
I undertake not to employ any unfair means in this exam. I have checked the Question Booklet Number and the Answer Sheet Number and both are identical and have been correctly entered by me wherever indicated.

Signature of the Candidate with Name

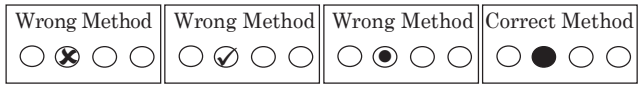
Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. Valuation of Answer Sheet will be done on the computer. Candidate should not make any stray marks on the Answer Sheet, tamper with or mutilate it. Otherwise it will not be evaluated.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. You must not tear off or remove any sheet from this Booklet. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
6. All questions are compulsory and each Question carries **2** marks.
7. **The paper carries negative marking. For each wrong answer 0.50 mark will be deducted.**
8. This Booklet contains 100 questions. Candidates must note that there will be 2 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General English	1-50	5-14
B	General Knowledge	51-100	15-23

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **Directions** : Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken (●) appropriate circle a, b, c or d by Blue / Black Ball-Point Pen provided by the board against the question concerned in the Answer Sheet.
14. Mark your answer by shading the appropriate circle against each question. The circle should be shaded completely without leaving any space. The correct method of shading is given below.



The Candidate must mark his/her response after careful consideration, as it is not possible to change the response once it is marked.

15. There is only one correct answer to each question. You should blacken (●) the circle of the appropriate column, viz., a, b, c or d. If you blacken (●) more than one circle against any one question, the answer will be treated as wrong.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

A

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SECTION – A
(General English)

Direction (Q. No. **1** to **5**) : The error, if any, will be in one part of the sentence, the alphabet of that part or option of No error is the answer.

1. (a) The quality
   (b) of the fruits
   (c) were not
   (d) satisfactory.

2. (a) I intended
   (b) to have punished
   (c) him yesterday.
   (d) No error

3. (a) They had
   (b) hardly finished their meals
   (c) that at once
   (d) they resumed their duty.

4. (a) We are
   (b) so much
   (c) worried about it.
   (d) No error

5. (a) He said that
   (b) he will finish
   (c) the book in
   (d) twenty minutes.

Direction (Q. No. **6** to **11**) : Fill in the blanks with the correct word or group of words from the alternatives given below the sentence.

6. His friend has run _____ his whole fortune.
   (a) over (b) out
   (c) down (d) None of these

7. While strolling on Aurbindo Marg, I chanced to meet _____ European.
   (a) the b) one (c) a (d) an

8. I take interest _____ classical music.
   (a) in (b) to (c) for (d) on

9. There are people who take _____ things for granted.
   (a) too (b) too much (c) much (d) too many

10. Raman is endowed _____ many great qualities.
    (a) in (b) with (c) of (d) by

11. Do not hanker _____ excitement.
    (a) after (b) about
    (c) on (d) towards

Direction (Q. No. **12** and **13**) : In the questions, choose the appropriate word from the given options to complete the sentence. The options given are confusing words which may have similar meanings. Select the option which best fits the meaning of the sentence.

12. Their _____ display of affection shocked the people.
    (a) avert (b) covert
    (c) overt (d) pervert

13. Meera's mother gave her Lord Krishna's _____.
    (a) idol (b) idle (c) ideal (d) i'd

Direction (Q. No. **14** to **16**) : In the questions below, a phrase/group of words is given, below which some alternatives are given. One of these is the most appropriate word i.e. it best conveys the meaning of the phrase/group of words. Find out the most appropriate word.

14. Present contradicting arguments or evidence.

(a) Reprimand (b) Rebut

(c) Criticise (d) Rebuff

15. One who has a great love of books.

(a) Bibliophagist (b) Bibliophobe

(c) Bibliographer (d) Bibliophile

16. A person who travels to a holy place as a religious act.

(a) Mendicant (b) Salesman

(c) Pilgrim (d) None of these

Direction (Q. No. **17** to **20**) : In each of the following questions, a sentence has been given in Active (or Passive) Voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive (or Active) Voice.

17. John was writing a letter to his father.

(a) A letter was written by John to his father.

(b) A letter was written to his father by John.

(c) A letter has been written to his father by John.

(d) A letter was being written by John to his father.

18. The members should adhere to all the resolutions.

(a) All should adhere to the resolutions of the members.

(b) All the resolutions should adhere to the members.

(c) All the resolutions adhered to the members.

(d) All the resolutions should be adhered to by the members.

19. I spoke to him.
    (a) He had been spoken by me.
    (b) He was spoken to by me.
    (c) He was spoken by me.
    (d) I was spoken by him.

20. Rain disrupted the last day's play between England and Australia.
    (a) The last day's play between England and Australia were disrupted by rain.
    (b) The last day's play of England and Australia was disrupted by rain.
    (c) England and Australia's play of the last day was disrupted by rain.
    (d) The last day's play between England and Australia was disrupted by rain.

Direction (Q. No. **21** to **26**) : The following questions consist of fragments of a sentence. The first fragment (1) and the last fragment (6) are in order. The other four fragments are jumbled up and are designated as (P), (Q), (R) and (S). Find out the correct sequence of these from the given alternatives.

21. 1. No part of this book may be
    P. in any form or by any means
    Q. without the written permission
    R. of the copyright owner and
    S. reproduced, stored in or transmitted
    6. the publisher of this book.
    (a) PQRS b) PRQS (c) SPQR (d) RQSP

22. 1. It is now generally accepted
    P. robots will take over
    Q. specially jobs
    R. that in future
    S. many of our tasks
    6. of a repetitive nature.
    (a) RPSQ (b) RSPQ
    (c) SPQR (d) PSRQ

23. 1. One of the most widely spread bad habits
P. which is now smoked or chewed by men
Q. and even by children
R. often by women
S. is the use of tobacco
6. almost all over the world.
(a) PQSR (b) SPRQ (c) PQRS (d) SRQP

24. 1. The salmon fish pushed themselves
P. and fertilised them
Q. to their limits
R. to return to their spawning grounds
S. but once they laid their eggs
6. they died.
(a) SRQP (b) QRSP (c) PQRS (d) QPSR

25. 1. Yesterday, I chanced to meet
P. now in his sixties
Q. where he lived
R. an old acquaintance
S. and asked him
6. and what he did for his living.
(a) PQRS (b) SQRP c) RPSQ (d) PRSQ

26. 1. The little boy
P. it was not quite right
Q. little children on their own
R. for the mother to leave
S. said to his friend
6. and go to work.
(a) PRSQ (b) QRSP
(c) SRQP (d) SPRQ

Direction (Q. No. **27** and **28**) : In the following questions, group of four words are given. In each group, one word is correctly spelt. Find the correctly spelt word.

27. (a) apparrel (b) aparell
(c) aparel (d) apparel

28. (a) emetry
(b) imetry
(c) imetery
(d) Cemetery

Direction (Q. No. **29** to **32**) : Each of the following items consists of a word in capital letters followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the word in capital letters.

29. FORTIFY
(a) Strengthen (b) Topple (c) Destroy (d) Reproduce

30. MAGNATE
(a) Symbolic (b) Tycoon
(c) Senior executive (d) Non-magnetic

31. WRATH
(a) Jealousy b) Hatred (c) Anger (d) Violence

32. AFFLUENT
(a) Prosperous (b) Poor (c) Talkative (d) Close

In the following question, the sentence consists of a word underlined. The given sentence is followed by four words or phrases. Choose the word nearest to the opposite in meaning to the word underlined.

33. We should not <u>belittle</u> others' accomplishments.
(a) discourage b) recommend (c) praise (d) none of these

Direction (Q. No. **34** and **35**) : Add suitable question tags to the following from the alternatives given below them :

34. But there is no need to describe him, _____ ?

(a) aren't there
(b) is there
(c) isn't there
(d) are there

35. The post has come, _____ ?

(a) will it
(b) has it
(c) is it
(d) hasn't it

In the sentence below, a group of words has been underlined. Below four choices (a), (b), (c) and (d) are given. Pick out the one which can substitute the underlined group of words correctly, without changing the meaning of the sentence.

36. The grocer <u>hadn't hardly any of those kind</u> of soap.

(a) had scarcely any of that kind
(b) had hardly any of those kinds
(c) hadn't hardly any of those kinds
(d) had hardly any of those kind

Direction (Q. No. **37** to **42)** : In each of the following questions, a sentence has been given in direct/indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in indirect/direct speech.

37. Amar said to Riya, "Are you coming to the party ?"

(a) mar asked Riya if she will be coming to the party.
(b) Amar asked Riya whether if she was coming to the party.
(c) Amar told Riya if she was coming to the party.
(d) Amar asked Riya if she was coming to the party.

38. He said, "Will you listen to such a man ?"

(a) e asked them whether they would listen to such a man.

(b) He asked them whether they will listen to such a man.

(c) e asked them will you listen to such a man.

(d) He asked them are you listening to such a man.

39. Why are you looking through the window ?" I said.

(a) I asked you why you are looking through the window.

(b) I asked him why he was looking through the window.

(c) I said to him why he is looking through the window.

(d) I said to him that why he was looking through the window.

40. ow cruel the manager is !" said the clerk.

(a) The clerk exclaimed that the manager is very cruel.

(b) The clerk said that the manager was very cruel.

(c) The clerk said that the manager is very cruel.

(d) The clerk exclaimed that the manager was very cruel.

41. The teacher said that she would not be coming the next day.

(a) The teacher said, "I will not come tomorrow".

(b) The teacher told, "I will not be coming the next day".

(c) The teacher said, "I will not be coming tomorrow".

(d) The teacher noted, "I cannot be coming tomorrow".

42. e said to her, "Don't read so fast".

(a) He requested her not to read so fast.

(b) He ordered her not to read so fast.

(c) He told her not to read so fast.

(d) He advised her don't read so fast.

In the following question an idiomatic expression and its four possible meanings are given. Find out the correct meaning of the idiomatic expression from options.

43. wild goose chase.

(a) to speak boastfully of oneself

(b) an absurdly hopeless enterprise

(c) a fuss over a trifling matter

(d) to be insensitive to criticism

Direction (Q. No. **44** and **45**) : Do as Directed :

44. Identify the compound sentence from the alternatives given below :

(a) Lata recites a poem.

(b) My father guides me in my studies.

(c) He came when it was raining.

(d) He came and he returned.

45. Identify the complex sentence among the following :

(a) I know how he came when it was raining.

(b) He plays football.

(c) Walking is a good exercise.

(d) The Child seems happy.

Direction (Q. No. **46** and **47**) : Identify the underlined part of speech in each of the following :

46. The thief broke the window.
    (a) Transitive verb
    (b) Intransitive verb
    (c) Auxiliary verb
    (d) Linking verb

47. Leena arrived early this morning.
    (a) Linking verb
    (b) Intransitive verb
    (c) Transitive verb
    (d) Auxiliary verb

Fill in the blank with suitable determiners :

48. _____ five boxes should be moved from there.
    (a) That
    b) Those
    (c) This
    (d) Every

Direction (Q. No. **49** and **50**) : Complete the following sentences using appropriate tense form from the alternatives given below them :

49. I _____ a bath before I took breakfast.
    (a) took
    (b) have been taken
    (c) had taken
    (d) have been taking

50. By next March we _____ here for four years.
    (a) shall have been living
    (b) shall have been lived
    (c) shall be living
    (d) shall live

SECTION – B
(General Knowledge)

51. Which of the following is not a biodegradable waste ?
(a) Glass
(b) Paper
(c) Wood
(d) None of the above

52. Which one of the following is the largest source of electricity in India ?
(a) Nuclear
(b) Thermal
(c) Renewable Energy Sources
(d) None of the above

53. In India, Wild Ass Sanctuary is situated at
(a) Payyanur, Kerala
(b) Little Rann of Kutch, Gujarat
(c) Madikeri, Karnataka
(d) None of the above

54. First National Inland Waterway (National Waterway No. 1) was between
(a) Kodagu and Chennai
(b) Haldia (Sagar) and Allahabad
(c) hubri and Sadiya
(d) None of the above

55. What is the theme of World Red Cross Day 2021 ?
(a) Keep clapping for the volunteers, staff and everyone responding to Covid-19
(b) Memorable smiles from around the world
(c) Together we are unstoppable
(d) None of the above

56. Syed Mushtaq Ali Trophy is associated with which of the following sports ?
(a) Cricket
(b) ockey
(c) Tennis
(d) None of the above

57. 'Brihat Samhita' was written by

(a) Ramanuja
(b) Charaka
(c) Vallabhacharya
(d) None of the above

58. Which of the following is the common refractive defect of vision ?

(a) Presbyopia
(b) Sinusitis
(c) Pulmonary edema
(d) None of the above

59. Salinity is expressed as the amount of salt (in grams) dissolved in sea water per

(a) 1 gm
(b) 10 gm
(c) 100 gm
(d) None of the above

60. The Gini coefficient is an economic concept which is used to represent

(a) Statistical measure of economic inequality in a population
(b) Statistical measure of economic progress of the country
(c) Statistical measure of inflation in the economy
(d) None of the above

61. The Nobel Prize in Literature 2020 was awarded to

(a) Louise Glück
(b) Peter Handke
(c) Olga Tokarczuk
(d) None of the above

62. The Kalinga Prize for the Popularization of Science is instituted by

(a) ISRO
(b) NASA
(c) UNESCO
(d) None of the above

63. CSIR-Central Drug Research Institute is located at

(a) Lucknow
(b) Cuttack
(c) Mangalore
(d) None of the above

64. Swami Dayananda Saraswati founded the
(a) Arya Samaj
(b) Prarthana Samaj
(c) The Theosophical Society
(d) None of the above

65. Rearing of silk worms for the production of silk fibre is known as
(a) Silviculture
(b) Sericulture
(c) Apiculture
(d) None of the above

66. BCG, or Bacille Calmette-Guerin, is a vaccine for
(a) Tuberculosis (TB) disease
(b) HIV disease
(c) COVID-19 disease
(d) None of the above

67. mbedkar Jayanti is celebrated on
(a) 14th June
(b) 14th April
(c) 14th September
(d) None of the above

68. The SI unit of momentum is
(a) Kilogram-metre per second
(b) Kilogram per cubic metre
(c) Kilometre per second
(d) None of the above

69. What is TMC stands for, in reference to volume of water ?
(a) Thousand Million Cubic centimetre
(b) Thousand Million Cubic feet
(c) Thousand Million Cubic metre
(d) None of the above

70. What is the presently accepted value of speed of light in vacuum ?

(a) $3.99792458 \times {}^{8}\ ms^{-1}$

(b) $5.99792458 \times {}^{8}\ ms^{-1}$

(c) $2.99792458 \times 10^{8}\ ms^{-1}$

(d) None of the above

71. Identify the disorder of respiratory systems by reading below symptoms and causes.It is a chronic disorder of respiratory system in which alveolar walls are damaged due to which respiratory surface is decreased. One of the major causes of this is cigarette smoking.

(a) Emphysema

(b) sthma

(c) Happy Hypoxia

(d) None of the above

72. The Headquarters of Southern Railway is situated at

(a) Salem

(b) hennai

(c) Mangalore

(d) None of the above

73. onsider the following statements about official language policy of the Union of India :

1. Article 343 (1) of the Constitution provides that Hindi in Devanagari script shall be the official language of the Union.
2. Article 343 (2) also provides for continuing the use of English in official work of the Union for a period of 15 years (i.e., up to January 25, 1965) from the date of commencement of the Constitution.

Which of the statements given above is/are correct ?

(a) 1 only

(b) 2 only

(c) oth 1 and 2

(d) Neither 1 nor 2

74. Which of the following gases is used in food packaging industry to prevent the chips from getting oxidized ?

(a) Nitrogen
(b) Oxygen
(c) Chlorine
(d) None of the above

75. Generally, in India 22 carat gold is used for making ornaments, what it means ?

(a) 22 parts of pure gold is alloyed with 2 parts of either copper or silver
(b) 22 parts of pure gold is alloyed with 1 part of either copper or silver
(c) 21 parts of pure gold is alloyed with 3 parts of either copper or silver
(d) None of the above

76. What is the theme of World Wetlands Day 2021 ?

(a) Wetlands and Forest
(b) Wetlands and Birds
(c) Wetlands and Water
(d) None of the above

77. Brass is an alloy of

(a) Copper and Tin
(b) opper and Iron
(c) Copper and Aluminium
(d) None of the above

78. Indian Institute of Horticulture Research (IIHR)main research station is located at

(a) Manali, Himachal Pradesh
(b) Srikakulam, Andhra Pradesh
(c) Hessaraghatta, Bengaluru
(d) None of the above

79. Silver articles become black after some time when exposed to air because

(a) It reacts with sulphur in the air to form a coating of silver sulphide
(b) It reacts with oxygen in the air to form a coating of silver oxide
(c) It reacts with nitrogen in the air to form a coating of nitrous oxide
(d) None of the above

80. Which of the following acid is commonly called as acetic acid ?
(a) Ethanoic acid
(b) Acidumboricum
(c) Aerial acid
(d) None of the above

81. Ozone is a molecule formed by
(a) Three atoms of Oxygen
(b) Two atoms of Oxygen
(c) Four atoms of Oxygen
(d) None of the above

82. Which one of the following industries uses bauxite as a raw material ?
(a) Aluminium
(b) Copper
(c) Plastic
(d) None of the above

83. Which one of the following mineral is rich in the Monazite sand ?
(a) Iron
(b) Thorium
(c) Silver
(d) None of the above

84. Which of the following is an East flowing river in India ?
(a) odavari
(b) Narmada
(c) Tapti
(d) None of the above

85. Which of the following states do not share boundary with Gujarat ?
(a) Rajasthan
(b) Maharashtra
(c) Haryana
(d) None of the above

86. The First World War came to an end by the

(a) London Peace Conference of 1920

(b) Paris Peace Conference of 1919

(c) Berlin Peace Conference of 1918

(d) None of the above

87. Which of the following languages given below is one of the official language of United Nations ?

(a) Arabic

(b) indi

(c) Tamil

(d) None of the above

88. In which of the following states Kudremukh National Park is located ?

(a) Tamil Nadu

(b) Telangana

(c) Goa

(d) None of the above

89. Which of the following State has the largest Mangrove cover in the country according to ISFR 2019 ?

(a) Tamil Nadu

(b) Odisha

(c) West Bengal

(d) None of the above

90. The famous Painting of Padmapani Bodhisattva is at

(a) Aihole

(b) janta

(c) Ellora

(d) None of the above

91. The United Nations Organization (UNO) was established in

(a) 1945 (b) 1991

(c) 1912 d) None of the above

92. The famous Lingaraja Temple is situated at

(a) Bhubaneswar, Odisha

(b) Belur, Karnataka

(c) Thiruvananthapuram, Kerala

(d) None of the above

93. The famous Alchi Monastery, founded by the famous scholar Rinchen Zangpo in the 10th century is situated in

(a) Ladakh

(b) Tripura

(c) Mizoram

(d) None of the above

94. The ruins at Hampi (A part of Vijayanagara Kingdom) were brought to light in 1800 by

(a) Lord Willingdon

(b) Lord Linlithgow

(c) Colonel Colin Mackenzie

(d) None of the above

95. The 'Modi script' was employed in the documents of the

(a) Marathas (b) Hoysalas

(c) Alupas (d) None of the above

96. Tropic of Cancer line passes through which of the following North Eastern State of India ?

(a) Mizoram

(b) Nagaland

(c) Manipur

(d) Meghalaya

97. 71st Constitutional Amendment included which of the following languages in the Eighth Schedule ?

(a) Urdu

(b) Manipuri

(c) Bodo

(d) Dogri

98. Which of the following States have their border with Bhutan ?

I. Sikkim

II. Assam

III. Arunachal Pradesh

IV. West Bengal

(a) III and IV

(b) I and II

(c) I, II and IV

(d) I, II, III and IV

99. Arrange the following States in their descending order of population as per the Census 2011 :

I. Tripura

II. Nagaland

III. Arunachal Pradesh

IV. Meghalaya

(a) I > II > IV > III

(b) I > IV > II > III

(c) I > III > IV > II

(d) I > III > II > IV

100. What is the composite score of Arunachal Pradesh in SDG 2020-21 Report ?

(a) 50 b) 60

(c) 70 (d) 80

