A

Series **A**

CODE : AEM-1/22

Write here Roll Number and Answer Sheet No.

Question Booklet Sl. No.

Roll No.

Answer Sheet No.

Duration : 2 Hours | Total Marks : 100

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 **1** mark.
7. There is no negative marking.
8. This Booklet contains 100 questions. Candidates must note that there will be 3 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General English	1-50	5-10
B	Basic Computer Knowledge	51-80	11-13
C	General Knowledge	81-100	14-15

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 **16** 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.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ◉ ○ ○	○ ● ○ ○

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

SECTION – A
(General English)

Direction (Q.No. 1 – 3) : Choose the synonym of the given words from the alternatives given below them.

1. Indict
   (a) accuse (b) unfitness (c) unfriendly (d) blameless
2. Gluttony
   (a) gratuitous (b) snatch (c) greediness (d) truthfulness
3. Enchant
   (a) eminence (b) bewitch (c) cultural (d) none of these

Direction (Q.No. 4 – 6) : Choose the antonym of the given words from the alternatives given below them.

4. Convoluted
   (a) concord (b) inconspicuous
   (c) straight (d) acquit
5. Posterity
   (a) dexterity (b) descendants
   (c) ancestry (d) perpetual
6. Virtuoso
   (a) vital (b) consummate
   (c) masterful (d) tyro

Direction (Q.No. 7 – 10) : Fill in the blanks with suitable phrasal verbs from the alternatives given below them.

7. Arpitha's goal helped the team to pull _____ a victory.
   (a) down (b) through (c) up (d) off
8. We _____ some money from our allowance on the project.
   (a) put aside (b) put forward (c) put off (d) pull up
9. The thief _____ the empty house.
   (a) broke down (b) broke out (c) broke off (d) broke into
10. Prateek _____ trouble when he lost his wallet.
    (a) ran down (b) ran into (c) ran over (d) none of these

11. Change the following into passive voice. Choose the right alternative.

The Headmaster's assistant brought a circular to my class.

(a) A circular is brought to me.

(b) Circular was brought to me by the Headmaster's assistant.

(c) A circular was brought to my class by the Headmaster's assistant.

(d) A circular was being brought by the Headmaster's assistant.

Direction (Q. No. 12 and 13) : Fill in the blanks with appropriate prepositions from the alternatives given below them.

12. When I pulled the door handle, the knob came _____

(a) in (b) on (c) off (d) about

13. Children, please don't run _____

(a) after (b) on (c) in (d) about

Direction (Q. No. 14 and 15) : Give one word substitute for the following.

14. Moral or cultural decline as characterised by excessive indulgence in pleasure or luxury.

(a) decadence (b) detriment (c) obstacle (d) decadron

15. Make a soft, muffled crackling sound like that caused by the movement of dry leaves or paper.

(a) penetrate (b) instinctive (c) indelible (d) rustle

Direction (Q.No. 16 and 17) : Change the following into reported speech.

16. Teacher said, 'Guru is arriving here today.'

(a) Teacher said that Guru is arriving here today.

(b) Teacher told that Guru had arrived here.

(c) Teacher told us that Guru has arrived today.

(d) Teacher said that Guru was arriving there that day.

17. Leena said to Luv, 'Are you going to Sally's house tomorrow afternoon ?'

(a) Leena asked Luv if he is going to Sally's house tomorrow.

(b) Leena asked Luv if he is going to Sally's house the next afternoon.

(c) Leena asks Luv whether he is going to Sally's house the next afternoon.

(d) Leena asked Luv if he was going to Sally's house the next afternoon.

Direction (Q.No. 18 – 20) : Fill in the blanks with appropriate conjunctions from the alternatives given below them.

18. Aranya looked _____ she had seen a witch.
(a) so that (b) even if (c) as if (d) where

19. Atharva's work is slow, _____ he will finish it in time.
(a) and (b) or (c) but (d) which

20. Mohan likes football _____ he likes watching movies.
(a) as if (b) even if (c) so that (d) as much as

Direction (Q.No. 21 – 24) : Fill in the blanks with appropriate determiners.

21. Why have you left _____ papers lying around here ?
(a) this (b) that (c) those (d) these

22. The wedding hall is full. _____ invitees have already come.
(a) much (b) each (c) every (d) many

23. Let's be careful of _____ secretive move of theirs.
(a) neither (b) either (c) every (d) none of these

24. Cooking is Parveen's _____ hobby.
(a) late (b) later (c) latter (d) latest

Direction (Q.No. 25 – 27) : Fill in the blanks with suitable adverbs from the alternatives given below them.

25. The guests have already made train reservations and hotel bookings. _____, they have made a list of all the things they would like to purchase.
(a) however (b) moreover (c) somewhere (d) none of these

26. The team can _____ not play outside if it rains today.
(a) briefly (b) frequently (c) hardly (d) obviously

27. Do they realize that their supplies are _____ over ?
(a) extremely (b) exclusively (c) distinctly (d) nearly

28. Identify the underlined part of speech. Choose the correct answer.

Her relatives <u>gave her</u> a hug on her birthday.
(a) auxiliary verb (b) linking verb
(c) transitive verb (d) intransitive verb

29. Fill in the blank with suitable modal from the alternatives given below it.

_____ I please borrow your book for a minute ?
(a) Must (b) Should (c) Will (d) Could

Direction (Q.No. 30 and 31) : Fill in the blanks with appropriate tense form of the verb from the alternatives given below them.

30. She _____ to the market.
(a) was gone (b) gone (c) go (d) has gone

31. Anagha _____ when I called her this morning.
(a) was cooking (b) has been cooking
(c) have cooked (d) none of these

Direction (Q.No. 32 – 35) : Fill in the blanks with appropriate form of the verb from the alternatives given below them.

32. Akhil thought _____ would make people take him seriously.
(a) shouted (b) shout (c) to shout (d) shouting

33. _____ by rage, Darshan stormed out of the room.
(a) Blind (b) Blinded (c) Blinding (d) Having blind

34. _____ late, Arun could not get up early next morning.
(a) Slept (b) Having slept (c) Sleeping (d) Sleep

35. Ashok will agree _____ us permission.
(a) to giving (b) give (c) giving (d) to give

Direction (Q.No. 36 – 40) : Read the given passage carefully and answer the questions that follow them.

A short puff of wind extinguished the candle I was carrying. Laying it carefully down at my feet, so that I could easily find it again in the dark, I quickly went through my pockets to see if I still had the box of matches which I had thoughtfully put there that morning, when I set out to explore the cave. But a thorough search revealed nothing with which to relight the candle and left me desperately trying to recall how the matches could have gone astray. I then remembered that half an hour before, I had taken a short rest and eaten a bar of chocolate. While doing so, I had rested the candle on a convenient rock in order to leave my hands free to unwrap the chocolate, and just as now, a breath of wind had made the candle flicker and finally go out. It was then that I had used my matches and I could only suppose that I had thoughtlessly left the box on the rock where the candle had been standing. I reckoned that I must be about half a mile from the entrance and that the only thing I could do was to grope my way again. About an hour later, bruised from frequent collisions with projecting rocks, I stumbled into the daylight. The first thing I thought of was a cigarette. Instinctively, I drew out my lighter from my trousers' pocket. It was only when I had it in my hand that I realised what a fool I had been.

36. The writer had taken a box of matches with him because
(a) He had to keep a candle lighted his way through the dark cave
(b) To be confident on his way
(c) He felt that it's a very good boon for him
(d) None of these

37. Puff in the passage means
(a) A short light blow of air
(b) Spontaneous
(c) To consider
(d) To burn or shine in an unsteady way

38. Word 'bruised' means
(a) The action of looking for or trying to find
(b) Injured due to frequent blows to the body
(c) Both (a) and (b)
(d) Neither (a) nor (b)

39. Antonym of the word 'reckon' could be
(a) Think
(b) Assume
(c) Disbelieve
(d) Search

40. The writer realised that he had been a fool because
(a) It was a ruthless endeavour
(b) He was all the time carrying a lighter in his pocket
(c) He would have carried some other electronic things than the candle
(d) None of these

Direction (Q.No. 41 – 44) : Fill in the blanks with correct options from the alternatives given below them.

41. Neither the students nor the college _____ interested in the competition.
(a) was (b) are (c) were (d) have

42. The famous poet, philosopher and mathematician, Balu _____ arrived.
(a) have (b) has (c) are (d) is

43. My aunt and uncle _____ in Florida.
(a) lives (b) live (c) living (d) lively

44. The resounding and rhythmic beat of the drums _____ my heart go faster.
(a) make (b) makes (c) making (d) none of these

45. Fill in the blank with suitable article from the alternatives given below it.
_____ lady that we met last week is my junior from school.
(a) A
(b) The
(c) An
(d) None of these

Direction (Q.No. 46 – 50) : Read the given passage carefully and answer the questions that follow them.

Euthanasia or mercy killing is the term applied to the painless killing of those suffering from an unbearable pain and an illness for which there is no cure. Advocates of euthanasia have urged that morality and wisdom consist not in the pursuit of life, but in the pursuit of a quality of life, and conversely, it may be desirable to end a life which is irreparably blasted by a dreadful disease or degradation. Indeed the champions of euthanasia go to the length of questioning the very basis of the moral theory which holds that life is always good, death is always evil and its dubious inference that deliberate killing of an innocent human life is always wrong and impermissible. The contrary point of view is expressed by the anti-quality-of-life advocates in diversity of philosophies and moral positions ranging from the view that euthanasia is intrinsically evil and a direct violation of God's supreme dominion over His creatures, to the view that euthanasia is almost wrongful because sentience or even painful experience is preferable to a permanent state of non-existence. A more plausible objection of the anti-euthanasia protagonists is that if euthanasia is permitted it would lead to a general decline in respect for life. The practice of euthanasia may be easily misused.

46. Advocates of euthanasia opine that
    (a) a life, which is being destroyed by a dreadful disease, should end
    (b) it is immoral to end life in that way
    (c) it may be easily misused
    (d) both (a) and (c)

47. The word 'dubious' in the passage means
    (a) trying to find (b) doubtful
    (c) intrinsic (d) intentional

48. The word 'sentience' in the passage means
    (a) the capability for perceiving or feeling
    (b) consciousness without involving thought
    (c) irreparably destroyed
    (d) both (a) and (b)

49. Possible consequence of Euthanasia if permitted could be
    (a) General decline in the respect for life
    (b) It may be dangerously misused
    (c) God's supreme dominion over creatures be celebrated
    (d) Both (a) and (b)

50. Antonym of the word 'plausible' is
    (a) conceivable (b) improbable (c) cogent (d) sound

SECTION – B

(Basic Computer Knowledge)

51. While processing, the CPU stores the data as well as instructions in its local memory called
(a) Registers (b) ROM (c) Cache memory (d) RAM

52. The device that receives data from a computer system for display, physical production, etc., is called
(a) Input device (b) Output device
(c) Memory device (d) Processing device

53. The _____ is used to store data, instructions and results permanently for future use.
(a) Primary memory (b) Secondary memory
(c) Register (d) Cache memory

54. A 4-bit word is called a
(a) Byte (b) Bit
(c) Nibble (d) None of the above

55. The _____ manages the flow of data into and out of the computer's main memory.
(a) System bus (b) Memory controller
(c) Control bus (d) Device manager

56. CPU with _____ core is called octa-core processor.
(a) Two (b) Four (c) Five (d) Eight

57. _____ is a collection of system programs that together controls the operation of a computer system.
(a) Software (b) Operating system
(c) Application software (d) Disk controller

58. _____ are the left and right boundaries of selected paragraphs within a document.
(a) Indents (b) Alignments
(c) Ruler (d) None of the above

59. In a word processor, the blinking vertical line is called
(a) Tool (b) Button (c) Icon (d) Cursor

60. _____ on the Desktop, is a temporary storage area used for storing deleted files and recover files accidentally deleted from the hard drive.
(a) My Computer (b) My Network Places
(c) My Documents (d) Recycle Bin

61. _____ protects your computer by creating backups of vital system configurations and files.
(a) System Restore (b) Magnifier
(c) Anti-virus (d) None of the above

62. In a word document, _____ provides information about the current document.
(a) Standard Toolbar (b) View Buttons
(c) Status Bar (d) Menu Bar

63. Which of the following is not a type of alignment in a word document ?
(a) Left alignment (b) Right alignment
(c) Bottom alignment (d) Justify

64. _____ view shows formatting such as line spacing, font, point size and italics.
(a) Normal layout (b) Web layout
(c) Outline layout (d) Reading layout

65. _____ is wider than it is tall.
(a) Portrait (b) Landscape
(c) Both (a) and (b) (d) None of the above

66. Which of the following is not a proprietary word processor ?
(a) Microsoft Word (b) WordPerfect Office
(c) StarOffice Writer (d) Kwrite

67. _____ is the intersection of a row and a column.
(a) Cell (b) Worksheet (c) Work area (d) Table

68. Excel contains a feature called _____, which copies a logical series of values, labels or formulas.
(a) Formula (b) Auto correct (c) AutoFill (d) Functions

69. In a excel sheet, cell comments are indicated by the small _____ in the upper right corner of the cell.
(a) red triangle (b) dot
(c) circle (d) black triangle

70. _____ are an excellent tool to present data in a worksheet in a visually appealing format which aids in analysing and comparing data.
(a) Pictures (b) Tables
(c) Charts (d) None of the above

71. _____ are entries containing an equation that calculates the value to be displayed.
(a) Functions (b) Symbols (c) Formulas (d) Solutions

72. In 1969, the American Department of Defense (DOD) started a network of devices called
(a) Ethernet (b) ARPANET
(c) Intranet (d) None of the above

73. The actual term "Internet" was finally coined in _____ by the FNC (Federal Networking Council, USA).
(a) 1995 (b) 1985 (c) 1999 (d) 1989

74. The electronic pages seen on the Internet are known as
(a) Websites (b) Hyperlinks
(c) Web pages (d) Web browsers

75. The number of bits transferred by a channel per unit time is the
(a) Frequency (b) Velocity (c) Bandwidth (d) Speed

76. Which of the following is not a domain name ?
(a) mil (b) edu (c) on (d) in

77. An e-mail address consists of two main parts, the username and the domain-server name with the symbol _____ in between.
(a) # (b) @ (c) • (d) //

78. A number against the Inbox indicates the number of
(a) Read mails (b) Unread mails
(c) Sent mails (d) Draft mails

79. The process of copying web pages from the Internet to the computer is called
(a) Uploading (b) Downloading
(c) Both (a) and (b) (d) None of the above

80. Mbps is
(a) Mega bits per second (b) Mega bytes per second
(c) Micro bits per second (d) Micro bytes per second

SECTION – C

(General Knowledge)

81. The Moon's orbit is closest to the Earth in
(a) Perigee (b) Apogee (c) Perihelion (d) Aphelion

82. Tropical grasslands are also known as
(a) The Steppes (b) The Savannas
(c) The Prairies (d) None of the above

83. What is the theme of United Nations (UN) World Water Day 2021 ?
(a) Valuing Water (b) Water and climate change
(c) Leaving no one behind (d) None of the above

84. What is the theme of International Labour Organization (ILO) "World Day Against Child Labour 2021" ?
(a) Act now : End Child Labour
(b) Protect Children from child labour, now more than ever
(c) Children shouldn't work in fields, but on dreams
(d) None of the above

85. India became a State Member of The International Union for Conservation of Nature (IUCN) in the year
(a) 1969 (b) 1999
(c) 2021 (d) None of the above

86. Which of the following countries is/are come under mega biodiversity centres ?
(a) India (b) Ecuador (c) Madagascar (d) All the above

87. Ornithology is the study of
(a) Birds (b) Fishes (c) Fungus (d) Virus

88. A system of writing using abbreviations or special characters is called as
(a) Brachygraphy (b) Odontography
(c) Muography (d) Cerography

89. Which of the following is commonly used as antacid which neutralise the excess acid in the stomach during indigestion ?
(a) Magnesium hydroxide (b) Sulphuric acid
(c) Calcium iodide (d) None of the above

90. Which of the following cell types secretes Hydrochloric Acid (HCl) in the stomach ?
(a) Parietal cells (b) Mucous cells
(c) Chief cells (d) None of the above

91. Which State has topped in the Good Governance Index 2021 released by the Central Government ?
(a) Kerala (b) Karnataka
(c) Gujarat (d) None of the above

92. National Handloom Day is celebrated on
(a) 7th August (b) 22nd September
(c) 23rd March (d) None of the above

93. NASA's VIPER Mission is to explore
(a) South Pole of Moon (b) North Pole of Sun
(c) South Pole of Sun (d) None of the above

94. Which of the following Part of Indian Constitution deals with the Fundamental Rights ?
(a) Part I (b) Part II
(c) Part III (d) None of the above

95. Who among the following recently has been appointed as a member of the Badminton World Federation's (BWF) Athletes' Commission ?
(a) P.V. Sindhu (b) Ashwini Ponnappa
(c) Parupalli Kashyap (d) Saina Nehwal

96. Altitude of Bumla Pass is approximately
(a) 14,200 feet (b) 15,200 feet (c) 13,200 feet (d) 16,200 feet

97. Orange Festival of Adventure and Music is celebrated in which of the following districts ?
(a) Papum Pare (b) East Kameng
(c) Lower Dibang Valley (d) West Kameng

98. Which is the 25th District of Arunachal Pradesh chronologically ?
(a) Shi Yomi (b) Lepa Rada
(c) Pakke Kessang (d) None of the above

99. Over which of the North Eastern States River, the country's longest single-lane steel cable suspension bridge is made ?
(a) Siang (b) Lohit (c) Dihing (d) Borgang

100. P. Nobin Jomoh is associated with which game ?
(a) Boxing (b) Rowing (c) Karate (d) Badminton