

DO NOT BREAK THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO**QUESTION BOOKLET****SERIES III**

**Subjects : General Knowledge & Current Affairs, General English, Computer Knowledge,
Elementary Arithmetic**

BOOKLET SERIAL NO.**601819**

Marks : 200

Time : 2 (two) hours

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

INSTRUCTIONS TO CANDIDATES

1. This booklet contains **100 questions** to be answered in a separate OMR Answer Sheet using Black Ball Pen in following four parts.

Part-A-General Knowledge & Current Affairs : 25 questions, Part-B-General English : 25 questions, Part-C-Computer Knowledge : 25 questions, Part-D-Elementary Arithmetic : 25 questions

2. All Questions are compulsory. **Each Question carries 2 marks.**
3. **There will be NEGATIVE MARKING of 0.5 marks for each wrong answer.**
4. You will be supplied the Answer sheet separately by the invigilator. You must complete the details of particulars asked for.
5. Answers must be shown by completely blackening the corresponding circles in the Answer Sheet against the relevant question number by Black Ball Pen. OMR Answer Sheet without marking series/double series marking shall not be evaluated.

Example :

Supposing the following question is asked :-

The Capital of Meghalaya is-

- A. Guwahati
- B. Kohima
- C. Shillong
- D. Delhi

You will have four alternatives in the Answer Sheet for your response corresponding to each question of the Question Booklet as below :-

(A) (B) (C) (D)

In the above illustration, if your chosen response is alternative C i.e. Shillong, then the same should be marked on the Answer Sheet by blackening the relevant circle with a Black Ball Point Pen only as below :-

(A) (B) (●) (D)

WHICH IS THE ONLY CORRECT METHOD OF ANSWERING

6. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any one question.
7. The Answer Sheet must be handed over to the invigilator before you leave the Examination Hall.
8. No rough work is to be done on the Answer Sheet. Space for rough work has been provided in the question booklet.

PART - A - GENERAL KNOWLEDGE & CURRENT AFFAIRS

Marks :50

Each question carries 2 marks :

1. Which of the following countries to host the 23rd FIFA World Cup 2026 ?

- a) US, Canada and Mexico
- b) Brazil, Chile and Argentina
- c) Brazil, Mexico and Spain
- d) Thailand, Indonesia and Vietnam

2. Which app has been launched by the Ministry of Railways to expedite and streamline passenger grievance redressal ?

- a) Rail Sathi b) Rail Dost
- c) Rail Madad d) Rail Neer

3. What was the theme of the 2018 World Day against Child Labour ?

- a) End Child labour In supply Chains
- b) Generation Safe & Healthy
- c) In conflicts and disasters, protect children from child labour
- d) No to child labour- YES to quality education !

4. Who founded the Ramakrishna Mission in 1896 to carry on humanitarian relief and social work ?

- a) Ramakrishna Paramahansa
- b) Swami Dayananda Saraswati
- c) Swami Vivekananda
- d) Blavatsky and Olcott

5. When was the British capital of India shifted from Kolkata to Delhi ?

- a) 1911 b) 1912
- c) 1909 d) 1905

6. The theory of economic drain of India during British imperialism was propounded by

- a) M.K. Gandhi
- b) Jawaharlal Nehru
- c) Dadabhai Naoroji
- d) R.C. Dutt

7. Ishwar Chandra Vidyasagar was a great 19th Century Social Reformer who waged a struggle for which of the following social cause?

- a) Education of Women
- b) Widow Remarriage
- c) Abolition of Sati
- d) Untouchability

8. Which of the following is a non metal that remains liquid at room temperature ?

- a) Phosphorous b) Bromine
- c) Chlorine d) Helium

9. Light year is a measurement of

- a) speed of aeroplanes
- b) speed of light
- c) Stellar distances
- d) speed of rockets

10. Which among the following is a positively charged particle emitted by a radioactive element ?

- a) Beta ray b) Alpha ray
- c) Cathode ray d) Gamma ray

11. Isotopes are separated by

- a) crystallization b) sublimation
- c) distillation d) filtration

12. Which country in the recent past honoured the first conquest of Mount Everest without bottled oxygen ?

- a) India b) Nepal
- c) UK d) China

13. 8th South Asian Judo Championship was held in which country ?

- a) Bangladesh b) Nepal
- c) Pakistan d) India

14. Which out the following does not border The East China river ?

- a) Mongolia b) Japan
- c) Taiwan d) South Korea

15. Shekel is the currency of

- a) Israel
- b) Kenya
- c) Iran
- d) Iraq

16. Which of the following organizations is known as Market Regulator in India ?

- a) IBA
- b) SEBI
- c) AMFI
- d) NSDL

17. Which is the deepest point from the sea level on the Earth ?

- a) North Channel
- b) Pacific Ocean
- c) Mariana Trench
- d) Red Sea

18. Which Olympic champion, is better known as 'The Flying Finn' ?

- a) Lasse Viren
- b) Liu Xiang
- c) Paula Radcliffe
- d) Nader al Masri

19. The prime minister of India can not participate in voting on a No-confidence motion against his / her government if he / she :

- a) leads a coalition government
- b) has minority in Rajya Sabha
- c) is a member of Rajya Sabha
- d) forbidden by speaker of Lok Sabha

20. The socialist thinkers favour nationalisation of natural resources with a view

- a) To reduce the cost of production
- b) To increase production
- c) To avoid exploitation
- d) To ensure their full utilization

21. Which institution in a federal system is called 'Balancing Wheel of the Constitution' ?

- a) Legislature
- b) Executive
- c) Judiciary
- d) Press

22. The emphasis of Indian federation is on

- a) Division of powers
- b) Strength of states
- c) Compromise with nationalities
- d) Unity of the nation

23. The Union Cabinet approved the nomina-

tion of which Union ministry as the ex-officio Chairman of North Eastern Council (NEC) ?

- a) Ministry of Home
- b) Ministry of Corporate Affairs
- c) Ministry of Defence
- d) Ministry of Law and Justice

24. Which Indian personality was honoured with Japan's prestigious 23rd Nikkei Asia Prize under 'Culture and Community' category ?

- a) Narayan Murthy
- b) Ravi Shankar Prasad
- c) Narendra Modi
- d) Bindeshwar Pathak

25. What was India's rank in the Global Environment Performance Index 2018, as per latest released State of India's Environment (SoE) 2018 in Figures by Down To Earth magazine ?

- a) 165th
- b) 177th
- c) 138th
- d) 126th

PART - B - GENERAL ENGLISH

Marks :50

Each question carries 2 marks :

Directions : In question 26-29, there are four alternatives given for the idiom / phrase. Choose the alternative which best expresses the meaning of the given idiom / phrase.

26. every nook and cranny

- a) everywhere
- b) no where
- c) with no caution
- d) with great care

27. by leaps and bounds

- a) to start over
- b) to jump with joy
- c) rapidly
- d) slowly

28. to rub shoulders with somebody

- a) to be equal
- b) to be angry
- c) to start a fight
- d) to be in social contact

29. at one's fingertips

- a) to be careless
- b) to be immediately available
- c) to achieve something
- d) to memorise

Directions : In question 30-33, choose the word (s) which best expresses the meaning of the given word. (Synonyms)

30. GRANDEUR

- a) magnificence
- b) poverty
- c) intrinsic
- d) opulence

31. NUANCE

- a) major portion
- b) minor distinction
- c) detailed instruction

d) pronunciation

32. HARANGUE

- a) soft spoken
- b) tiredness
- c) condemnation
- d) praise

33. FRUSTRATING

- a) discouraging
- b) encouraging
- c) offending
- d) annoying

Directions : In question 34-37, choose the word (s) which expresses the opposite meaning of the given word. (Antonyms)

34. EVOLUTION

- a) growth
- b) development
- c) emission
- d) stagnation

35. INHERENT

- a) inbuilt
- b) natural
- c) extrinsic
- d) artificial

36. VENOMOUS

- a) noxious
- b) poisonous
- c) non-venomous
- d) not hateful

37. WIDESPREAD

- a) extensive
- b) universal
- c) limited
- d) unlimited

Directions : In question 38-42, part of the sentence is underlined. Out of the four alternatives, choose the correct one, if needed, which may improve the sentence.

38. Aaron found it very difficult to part of his wife

- a) to part for
- b) to be parted of
- c) to part from
- d) No improvement

39. Ravi must be accountable of his deeds

- a) be accountable from
- b) be accountable to

- c) be made accountable for
d) No improvement

40. Mina's book was translate to many different languages

- a) was translated into
b) is translate to
c) would be translated for
d) No improvement

41. Harry has been working in the company since the last 20 years

- a) in 20 years
b) about 20 years
c) for the last 20 years
d) No improvement

42. Edmund's generosity is worthy of following by everyone

- a) to be followed
b) to follow
c) to be following
d) No improvement

Directions : In question 43-46, some parts of the sentences have errors and some have none. Find out which part of a sentence has an error and mark the corresponding letter (A, B, C). If there is no error mark (D) as the answer.

43. The airline company (A) / will obliged to give refund (B) / if the flight is cancelled (C) / No error (D).

- a) A b) B
c) C d) D

44. There wasn't no bus service (A) / tomorrow because of (B) / the union strike (C) / No error (D).

- a) A b) B
c) C d) D

45. Her disease seem (A) / to get worse (B) / day by day (C) / No error (D).

- a) A b) B
c) C d) D

46. If the rain (A) / doesn't let up soon (B) / the river might climb up (C) / No error (D).

- a) A b) B
c) C d) D

Directions : In question 47-50, out of the four alternatives choose the one which can be substituted for the given words / sentence.

47. one who has a special skill in judging art, music, etc

- a) epicure b) iconoclast
c) connoisseur d) antiquarian

48. one who walks in one's sleep

- a) somnambulist b) mimic
c) teetotaler d) kleptomaniac

49. one who knows many languages

- a) versatile b) oculist
c) polyglot d) philatelist

50. a number of stars grouped together

- a) astronomy b) galaxy
c) fleet d) constellation

PART - C - COMPUTER KNOWLEDGE

Marks :50

Each question carries 2 marks :

51. Which protocol provides email facility among different among different hosts.

- a) SMTP b) FTP
- c) TELNET d) SNMP

52. A device driver acts as an interface between

- a) End-user and I/O device
- b) Application software and I/O device
- c) Application software and operating system
- d) Operating System and I/O device

53. Which of the following options is not a utility system ?

- a) Virus scanner
- b) System profiler
- c) Disk Defragmenter
- d) Debugger

54. Which of the following program is essential for the functioning of a computer system ?

- a) Operating System
- b) System software
- c) MS Word
- d) MS Excel

55. What is the correct expansion of MS DOS?

- a) Microsoft Data Operating System
- b) Microsoft Digital Operating System
- c) Microsoft Disk Operating System
- d) Multi user Disk Operating System

56. Which of the following commands is used for displaying the names of files and subdirectories present in a directory in MS-DOS operating system ?

- a) TYPE b) CD
- c) DIR d) MD

57. In order to tell Excel, that we are entering a formula, we must begin with an operator such as

- a) \$ b) =
- c) @ d) #

58. Which one of the following is typed in the Run dialog box to access MS Word ?

- a) winword b) word
- c) msword d) wordprogram

59. First generation of computer was based on which technology ?

- a) Transistor b) VLSI
- c) LSI d) Vacuum Tube

60. What is the address of a computer on a network known as ?

- a) URL b) IP address
- c) Host d) Domain name

61. Paragraph marks stands for

- a) Beginning of a paragraph
- b) Pressing of enter key to mark the end of a paragraph
- c) Current cursor position in the paragraph
- d) Saving has been done till the marked paragraph

62. The shortcut key for cutting text is

- a) Ctrl-s b) Ctrl-c
- c) Ctrl-v d) Ctrl-x

63. How can you create a uniform appearance by adding a background image to all slides in MS PowerPoint ?

- a) Create a template
- b) Edit the slide master
- c) Use the auto correct wizard
- d) All the above

64. What function displays column data in a row and row data in a column ?

- a) Hyperlink b) Index
- c) Transpose d) Rows

65. When you insert an Excel file into a Word document, the data are

- a) Placed in a Word table
- b) Hyperlinked
- c) Linked
- d) Embedded

66. What is the name of new built-in browser included in Windows 10 ?

- a) Cortana
- b) Opera
- c) Super Internet Explorer Pro
- d) Edge

67. Which component of the computer is known as the brain of the computer ?

- a) CPU
- b) RAM
- c) ROM
- d) Scanner

68. The programs and instructions that help the computer in carrying out their processing are known as

- a) Software
- b) Files
- c) Data
- d) Information

69. Which of the following memory locations are first referred by the CPU while searching for data ?

- a) Main memory
- b) Secondary memory
- c) Read only memory
- d) Cache memory

70. Which one of the following cache memory is also known as the internal cache ?

- a) L4 cache
- b) L3 cache
- c) L2 cache
- d) L1 cache

71. Which of the following sequence of operations represents the machine cycle ?

- a) Fetch-Execute-Decode-Store
- b) Fetch-Decode-Execute-Store
- c) Store-Execute-Fetch-Decode
- d) Store-Fetch-Decode-Execute

72. Which of the following is not a type of bus used in a computer system ?

- a) Data bus
- b) Address bus
- c) Information bus
- d) Control Bus

73. A device that converts images, printed text, handwriting into digital text is called a

- a) Mouse
- b) Scanner
- c) Printer
- d) OMR

74. Which one of the following belongs to the category of special purpose keys ?

- a) Alt
- b) Shift
- c) Ctrl
- d) Tab

75. Which one of the following technologies is not a touch-screen technology ?

- a) Surface wave technology
- b) Capacitive technology
- c) Resistive technology
- d) Inductive technology

PART - D - ELEMENTARY ARITHMETIC

Marks :50

Each question carries 2 marks :

76. The successive discount of 15% and 20% on any goods amount to a total discount of

- a) 30.50% b) 35%
- c) 34% d) 32%

77. A person riding a cycle at 12 km/h can reach

a village in $4\frac{1}{2}$ hours. If he is delayed by $1\frac{1}{2}$

hours at the start then in order to reach his destination in time, he should ride with a speed of

- a) 15 km/h b) 16 km/h
- c) 18 km/h d) 20 km/h

78. When $(x^5 + 1)$ is divided by $(x - 2)$, the remainder is

- a) 15 b) 17
- c) 31 d) 33

79. A fort had provisions for 300 men for 90 days. After 20 days, 50 men left the fort. How long would the food last at the same rate ?

- a) 70 days b) 84 days
- c) 110 days d) 140 days

80. A cistern has two inlets A and B which can fill it in 12 minutes and 15 minutes respectively. An outlet C can empty the full cistern in 10 minutes. If all the three pipes are opened together in the empty tank, how much time will they take to fill the tank completely ?

- a) 10 minutes b) 15 minutes
- c) 20 minutes d) 25 minutes

81. Divide 184 into two parts such that one-third of one part may exceed one-seventh of the other part by 8.

- a) 46, 138 b) 32, 152
- c) 64, 120 d) 72, 112

82. A shopkeeper sold two watches for Rs. 1485 each. On one he gains 10% and on

the other he loses 10%. Find his gain or loss percent in the whole transaction.

- a) 1% loss b) 1% gain
- c) 5% gain d) neither gain nor loss

83. Five years ago, A's age was four times the age of B. Five years hence, A's age will be twice the age of B. The present ages of A and B are

- a) 25 years, 10 years
- b) 30 years and 5 years
- c) 20 years, 15 years
- d) 35 years and 15 years

84. If $\frac{1}{3}\left(x - \frac{1}{2}\right) + \frac{1}{5}\left(2x + \frac{1}{4}\right) = \frac{3}{4}\left(x - \frac{1}{12}\right)$

then the value of x is

- a) $-3\frac{1}{4}$ b) $3\frac{1}{4}$
- c) $-4\frac{1}{3}$ d) $4\frac{1}{3}$

85. If $\left(x + \frac{1}{x}\right) = 3$ then the value of $\left(x^2 + \frac{1}{x^2}\right)$

is

- a) 5 b) 7
- c) 9 d) 11

86. The value of $\frac{198 \times 198 - 102 \times 102}{300 \times 96}$ is

- a) 0 b) 1
- c) 2 d) 3

87. $\left[\left\{\left(-\frac{1}{2}\right)^2\right\}^{-2}\right]^{-1} = ?$

- a) $\frac{1}{16}$ b) 16
- c) $-\frac{1}{16}$ d) -16

88. 18 km/h = _____ m/s

- a) 0.2 m/s b) 1 m/s

c) 5 m/s

d) 25 m/s

89. The value of $4.\bar{3}$ in the form of $\frac{p}{q}$ is

a) $\frac{1}{3}$

b) $\frac{1}{13}$

c) $\frac{3}{13}$

d) $\frac{13}{3}$

90. The sum of the following series is

$1 + 2 + 3 + 4 + \dots + 100$

a) 3030

b) 4040

c) 5050

d) 6060

91. Evaluate :

$$1 - \frac{1}{1 - \frac{1}{1 - \frac{1}{1 - \frac{1}{1 - \frac{1}{1 - \frac{1}{2}}}}}}$$

a) 1

b) 2

c) 3

d) 4

92. $2^x \times 4^{3x+4}$, when expressed as a power of 2 equals

a) 2^{7x+8}

b) 2^{7x+16}

c) 2^{9x+16}

d) 2^{10x+8}

93. The H.C.F. of $6(x^2-9)$ and $15(x^3-27)$ is

a) $90(x-3)$

b) $3(x+3)$

c) $3(x^2-9)$

d) $3(x-3)$

94. The square root of 0.000841 is

a) 0.0029

b) 0.029

c) 0.29

d) 0.00029

95. The rate of simple interest by which a given money is doubled in 15 years is

a) 5%

b) 6%

c) $\frac{20}{3}\%$

d) $\frac{25}{3}\%$

96. If $x + 2y + 3z = 0$ then

a) $x^3 + y^3 + z^3 = 3xyz$

b) $x^3 + y^3 + z^3 + 3xyz = 0$

c) $x^3 + 8y^3 + 27z^3 = 18xyz$

d) $x^3 + 8y^3 + 27z^3 + 18xyz = 0$

97. If the base of a triangle is 4m shorter than its altitude and the area of the triangle is 126 sqm, then the measures of its base and altitude are

a) 10m and 14m

b) 7m and 18m

c) 14m and 18m

d) Such a triangle does not exist

98. 'X' and 'Y' together finish a work in 8 hours. If 'X' alone can finish it in 12 hours then 'Y' alone can finish the same in

a) 24 hours

b) 16 hours

c) 12 hours

d) 8 hours

99. A person lends Rs. 1000 on compound interest @ 100% per annum. In order to get Rs. 16,000 on maturity, the number of year he should lend this amount is

a) 2

b) 4

c) 8

d) 16

100. In a sample of 100 Ltr of oil, there is found to be adulteration to the extent of 15%. In order to lower the percentage of impurity to 5%, the amount of oil to be added further is

a) 150 Litres

b) 200 Litres

c) 250 Litres

d) 300 Litres
