YEAR OF ADVT: 2020      DATE OF EXAM: 29-APR-2023

## DO NOT BREAK THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

# QUESTION BOOKLET    SERIES II

### Subjects : General English, General Knowledge, Arithmetic & Aptitude

**BOOKLET SERIAL NO.**    400362    Marks : 300
Time : $2^{1}/_{2}$ hours

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

## INSTRUCTIONS TO CANDIDATES

1. This booklet contains **150 questions** to be answered in a separate OMR Answer Sheet using Black Ball Pen in following three parts:

   **Part-A-General English : 50 questions, Part-B-General Knowledge : 50 questions,**

   **Part-C-Arithmetic & Aptitude : 50 questions**

2. All Questions are compulsory.

3. You will be supplied the Answer sheet separately by the invigilator. You must complete the details of particulars asked for.

4. 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 :-

   Ⓐ  Ⓑ  Ⓒ  Ⓓ

   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 :-

   Ⓐ  Ⓑ  ●  Ⓓ

   **WHICH IS THE ONLY CORRECT METHOD OF ANSWERING**

5. 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.

6. There will NOT be any negative marking for wrong answers.

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 ENGLISH

## Marks : 100

Each question carries 2 marks :

**Directions :Choose the correct sentences:**

**1.** i. He is too weak to walk.
ii. He is walking too weakly.
iii. He is so weak that he cannot walk.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**2.** i. The news is so good that it are true.
ii. The news is too good to be true.
iii. The news is so good that it cannot be true.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**3.** i. Only students are allowed here.
ii. You are allowed here only if you are a student.
iii. Allowed are only students here.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**4.** i. Tell me the time and place of your birth.
ii. I would like to know the time and place of your birth.
iii. Could you kindly tell me the time and place of your birth ?
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**5.** i. You may go anywhere.
ii. Nowhere you may go.
iii. You may go wherever you like.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**6.** i. He eats too much for his own good.
ii. He eats too much.
iii. He eats more than what is enough.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**7.** i. Studying always made him sleepy.
ii. He is feeling like studying wherever he is sleeping.
iii. He always feels sleepy when he is studying.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**8.** i. This statue is of no use.
ii. What is the use of this statue ?
iii. There is no use of this statue.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**9.** i. I could not attend the meeting on account of my illness.
ii. I could not attend the meeting as I was ill.
iii. I could not be ill to attend the meeting.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**10.** i. He is an orator of great repute.
ii. He is orator and greatly repute.
iii. He is an extremely renowned orator.
a) i and ii        b) i and iii
c) ii and iii       d) i, ii and iii

**Directions : Read the following passage and answer the questions given below following the instructions :**

Drug addiction is a great social menace, a malady which has assumed an alarming proportion in recent times. It is eating into the vitals of the youth who are the future hopes of the country. This is now a world wide phenomenon and Indian youth are also succumbing to its disastrous tentacles. Drugs like heroin, brown sugar and L.S.D become a habit to the people and once they have a taste of it, they become their slaves. It is feared that if no corrective measures are taken immediately, it may be too late to save the society from this destructive vice. Sociologists think that some youth succumb to drugs out of frustration. Sometimes they take to it out of sheer fun. But once they get a taste of it they become addicted. Drug addiction may also come from parental neglect, ignorance and loneliness. The result of drug addiction is calamitous like slow poisoning all out measures should be taken by the government to curb drug addiction. Drug peddlars should be heavily punished. Efforts should be made by the government and social organisation to rehabilitate drug addicts and help them to find their bearings in society again.

**Choose the appropriate antonyms of the following.**

**11. Malady**
a) Health
b) Energy
c) Medicine
d) Cure

**12. Vitals**
a) Exterior
b) Innards
c) Important
d) Inside

**13. Succumbing**
a) Ignoring
b) Conquering
c) Praying
d) Considering

**14. Eating into**
a) Destroying
b) Repairing
c) Building up
d) Demolishing

**15. Ignorance**
a) Information
b) Idea
c) News
d) Knowledge

**Choose the appropriate meaning of the words given below in the specific context of the passage.**

**16. Disastrous**
a) Ravaging
b) Ugly
c) Dirty
•d) Ruinous

**17. Corrective**
a) Punitive
b) Useless
c) Remedial
d) Supportive

**18. All out**
a) Forceful
b) Half-hearted
c) Limited
d) Lawful

**19. Calamitous**
a) Unhealthy
b) Fatal
c) Harmless
d) Serious

**20. Rehabilitate**
a) Recapture
b) Resound
c) Re-establish
d) Remind

**Directions :Choose the correct option to fill in the gaps :**

**21. I object ____ that remark.**
a) From
b) To
c) About
d) By

**22. He is very particular ____ his health.**
a) About
b) To
c) In
d) For

**23. You may rely ____ my word.**
a) Against
b) In
c) Into
d) On

**24. A ____ of people was helping us.**
a) Group
b) Bunch
c) Collection
d) Set

**25. I saw a ____ unique sight.**
a) Lot
b) Mostly
c) Most
d) Much

**26. He is ____ M.A. in English.**
a) A
b) The
c) An
d) None of the above

**27. This book ____ to me.**
a) Belonging
b) Belongs
c) Was belonging
d) Is belonging

**28. He complied ____ my request.**
a) To
b) For
c) About
d) With

**29. He got a pension ____ life.**
a) For
b) Till
c) In
d) Until

**30. He has ____ to do the work.**
a) Refused
b) Denied
c) Rejected
d) Abstained

**31. I am going ____ next month.**
a) Foreign
b) Abroad
c) Outside country
d) Tour

**32. I have an ____ on this issue.**
a) Open heart
b) Open view
c) Open mind
d) Open eye

**33. ____ he is poor, he is honest.**
a) Since
b) Because
c) As
d) Though

**34. He will not be able to pay ____ his debts.**
a) Out
b) Down
c) Off
d) On

**35. ____ do you want to meet ?**

a) Who b) Whom
c) Which d) What

**Directions :Choose the correct meaning for the words and phrases given below :**

36. To accuse means
a) Charge b) Impeach
c) Criticise d) Blame

37. Amicable
a) Friendly b) Jovial
c) Happy d) Cheerful

38. Authentic
a) Real b) Justifiable
c) Lifelike d) Genuine

39. Clandestine
a) Dirty b) Ugly
c) Secretive d) Evil

40. Persist
a) Survive b) Insist
c) Continue d) Endure

41. One who is all-powerful is
a) Dictatorial b) Autocratic
c) Omnipotent d) Arrogant

42. A paper written by the hand is a
a) Xerox copy b) Print out
c) Calligraphy d) Manuscript

43. A child born after the death of his father is
a) Premature b) Immature
c) Illegitimate d) Posthumous

44. A person who hates mankind is a
a) Misanthrope b) Philanthrope
c) Philanthropist d) Misogynist

45. One leaving his native country to settle in another is an
a) Emigrant b) Immigrant
c) Outsider d) Alien

46. Ecstatic means
a) Frenzied b) Bizarre
c) Tormented d) Freaky

47. Revel means
a) Indulge b) Wallow

c) Rejoice d) Condemn

48. Incapable of being corrected
a) Inexplicable b) Incorrigible
c) Indivisible d) Indisputable

49. A blow which may cause death is
a) A harmful blow b) An injurious blow
c) A fatal blow d) A final blow

50. A word which is no longer in use
a) Archaic b) Outdated
c) Ancient d) Obsolete

## PART - B - GENERAL KNOWLEDGE

### Marks : 100

**Each question carries 2 marks :**

51. Which of the following forms of liberty is not mentioned in the Preamble to the Constitution of India ?
a) Liberty of thought
b) Liberty of belief
c) Liberty of faith and worship
d) Economic liberty

52. In which year Sikkim became a part of the Union of India ?
a) 1947     b) 1961
c) 1971     d) 1975

53. How many fundamental duties are there in the Constitution of India ?
a) 9     b) 10
c) 11     d) 12

54. Which articles of Indian Constitution empowers the High Courts to issue directions for the enforcement of Fundamental Rights ?
a) Article 32     b) Article 136
c) Article 226     d) Article 135

55. Azad Hind Fauz was formed in which of the following country ?
a) India     b) Germany
c) Japan     d) Singapore

56. 'Yudh Abhyas' is a joint military exercise between
a) India and USA
b) India and Myanmar
c) India and Russia
d) India and Israel

57. Who was the author of the book, "The Indian War of Independence-1857" ?
a) R.C. Majumdar     b) D.N. Kundra
c) V.D. Savarkar     d) Bipan Chandra

58. What was the ultimate goal of Mahatma Gandhi's Salt Satyagraha ?
a) 'Purna Swaraj' for India
b) Repeal of salt laws
c) Curtailment of the government power
d) Economic relief for common people

59. Which of the following was the capital of Gupta dynasty ?
a) Taxila     b) Ujjain
c) Pataliputra     d) Benares

60. Who wrote the book 'Arthashastra' ?
a) Kautilya     b) Panini
c) Tukaram     d) Sukracharya

61. 'Knot' is a unit which signifies ?
a) Depth     b) Distance
c) Speed     d) Acceleration

62. Which among the following is also known as 'White gold' ?
a) Nickel     b) Silver
c) Rhodium     d) Platinum

63. Which among the following was first human made plastic ?
a) Bakelite     b) Polyethene
c) Celluloid     d) Nylon

64. Which of the following comprise 'input device' in a computer ?
a) Keyboard     b) Mouse
c) Only (a)     d) Both (a) and (b)

65. What is the name of the first web browser ?
a) World Wide Web     b) Mosaic
c) Safari     d) Navigator

66. Which of the following computer component allows you to connect to internet ?
a) Soundboard     b) ROM
c) Hard Drive     d) Modem

67. What is the length of ATM Card Pin ?
a) 2 digits and 2 alphabets
b) 10 digits
c) 6 digits
d) 4 digits

68. Who is the first Indian woman boxer to win a gold medal in 2014 Asian Games ?
a) Pinki Jangra     b) Indira Phogat
c) Mary Kom     d) P.V. Sindhu

69. Which sports is also known as 'ping pong'?
a) Lawn Tennis          b) Table Tennis
c) Judo                 d) Karate

70. Which one is the correct chronological order of creation of Assam, Meghalaya, Mizoram and Nagaland ?
a) Assam, Nagaland, Meghalaya, Mizoram
b) Assam, Meghalaya, Nagaland, Mizoram
c) Assam, Mizoram, Nagaland, Meghalaya
d) Assam, Nagaland, Mizoram, Meghalaya

71. Consider the following
i. Cherry blossom festival-Meghalaya
ii. Dree Festival-Arunachal Pradesh
iii. Hornbill festival- Nagaland
Which among the following is correctly matched-
a) Only i and ii        b) Only ii and iii
c) Only i and iii       d) i, ii and iii

72. Tropic of cancer passes through which of the following states in India ?
i. Tripura
ii. Mizoram
iii. Assam
iv. Meghalaya
a) Only i and ii        b) Only ii and iv
c) Only iii and iv      d) Only i and iv

73. Consider the following states
i. Sikkim
ii. Himachal Pradesh
iii. Meghalaya
iv. Mizoram
Which of the above have international land borders ?
a) i, ii, iii, iv        b) i, iii, iv
c) ii, iii, iv           d) i, iii

74. Mikhail Gorbacher, who passed away recently, was the former President of which country ?
a) Ukraine              b) Belarus
c) Russia               d) Bulgaria

75. Ramon Magsaysay Awards are associated with which field ?
a) Journalism           b) Social Service
c) Sports               d) Theatre Arts

76. As per the latest figure from the IMF, which country is the fifth largest economy in the World?
a) U.K.                 b) India
c) France               d) Germany

77. 'The Craft Village Scheme' is an initative of which Union Ministry ?
a) Ministry of Culture
b) Ministry of Textiles
c) Ministry of Commerce
d) Ministry of MSME

78. Chief Justice Ramana has recommended which Justice as his successor ?
a) Justice DY Chandrachud
b) Justice MR Shah
c) Justice Uday Umesh Lalit
d) Justice S Abdul Nazeer

79. Before becoming states which among the following was/were among the Union Terrritories?
i. Meghalaya
ii. Sikkim
iii. Manipur
iv. Tripura
a) Only ii              b) Only ii and iii
c) Only iii and iv      d) i, ii, iii, iv

80. The spray bottles used for household cleaning or perfume spray works on
a) Capillary action
b) Pascal's Law
c) Stokes Law
d) Bernoulli's principle

81. In which year the Supreme Court of India adopted the Collegium System for the appointment of Judges of Supreme Court of India ?
a) 1993                 b) 1991
c) 1996                 d) 1995

82. 'Hallmarking' of gold jewellery in India is associated with which ministry ?
a) Ministry of Mines
b) Ministry of Commerce and Industry
c) Ministry of Consumer Affairs, Food and Public Distribution
d) Ministry of Social Welfare

83. Which organisation estimated that 48 million people will fall into extreme poverty and urged countries to ensure food security ?
a) United Nations
b) World Economic Forum

**84.** Which country successfully operated Arab World's first nuclear power reactor ?
a) Kuwait
b) United Arab Emirates
c) Qatar
d) Oman

**85.** Which among the following is called India's market watch dog ?
a) RBI
b) SBI
c) SEBI
d) NABARD

**86.** Which is not a characteristics of the Indian economy ?
a) Chronic unemployment and underemployment.
b) High poverty
c) Equal distrubution of wealth
d) Low labour productivity

**87.** Which index is used to calculate inflation ?
a) GDP
b) CPI
c) WPI
d) Both CPI and WPI

**88.** Which dam is located over Sutlej river ?
a) Damodar Valley
b) Govind Sagar
c) Bhakra Nangal
d) Sardar Sarovar

**89.** A situation where the expenditure of the government exceeds its revenue is called ?
a) Budget Deficit
b) Default Financing
c) Default Revenue
d) Deficit Revenue

**90.** Pradhan Mantri Jan Dhan Yojana is related to which of the following ?
a) Poverty removal
b) Financial service
c) Housing for poor
d) Rural development

**91.** With which of the country of South East Asia India shares a maritime boundary ?
a) Laos
b) Cambodia
c) Vietnam
d) Indonesia

**92.** The first successful India's nuclear test was known by which of the following name ?

a) Operation Ginger
b) Operation Nuclear
c) Operation Smiling Buddha
d) Operation Vijay

**93.** Which of the following city of India has the highest percentage of slum population ?
a) Mumbai
b) Indore
c) Kolkata
d) Surat

**94.** In which of the following state, the people following Baul tradition are found ?
a) Telengana
b) Assam
c) West Bengal
d) Orissa

**95.** Mughal architecture is a combination of which of the following architectures ?
a) Indian and Mongolian
b) Indian and Persian
c) Indian and European
d) Indian and Greek

**96.** Which of the organ / tissue of human body is most sensitive to intake of lead ?
a) Blood
b) Lungs
c) Kidney
d) Brain

**97.** 'Tower of Silence' is related to which of the following religion in India ?
a) Jews
b) Jains
c) Zorastrians
d) Buddhist

**98.** Which of the following is not a natural hazard ?
a) Volcanoes
b) Climate change
c) Cyclone
d) Tsunami

**99.** The accounts of which of the following are not audited by CAG in India ?
a) Municipal institutions
b) State Government
c) Central Government
d) PSU's

**100.** On which date India's Constituent Assembly adopted the National Flag of India ?
a) 15 August, 1947
b) 22 July, 1947
c) 26 November, 1949
d) 26 January, 1950

# PART - C -ARITHMETIC & APTITUDE

## Marks :100

**Each question carries 2 marks :**

**101.** A sum invested at 5% simple interest per annum grows to Rs.504 in 4 years. The same amount at 10% simple interest per annum in

$2\dfrac{1}{2}$ years will grow to

a) Rs.525          b) Rs.550
c) Rs.450          d) Rs.430

**102.** A sum of money at compound interest double itself in 5 years. It will amount to eight times itself in
a) 20 years          b) 10 years
c) 12 years          d) 15 years

**103.** The present ages of two persons differ by 20 years. If 5 years ago, the older one be 5 times as old as the yonger one, then their present ages, in years, are
a) 25, 5          b) 30, 10
c) 27, 12          d) 50, 20

**104.** Three partners A, B, C enter into partnership and invest Rs.3800, Rs.4000 and Rs.4200 respectively. The share of B out of profit Rs.1800 is
a) Rs.400          b) Rs.500
c) Rs.600          d) Rs.1000

**105.** A charitable guest house had ration for 60 days for 500 people. After 12 days, 100 more people join the guest house. How long will the remaining ration last ?
a) 40 days          b) 35 days
c) 45 days          d) 38 days

**106.** A and B together can do a piece of work in 12 days. If B alone can do the same work in 48 days, then A alone can do the work in
a) 40 days          b) 32 days
c) 24 days          d) 16 days

**107.** Two trains travelling in opposite directions at 50km/hr and 70km/hr is observed to cross each other in 30 seconds. If one of the trains is of length 450m, then the length of the other is
a) 450m          b) 500m
c) 550m          d) 600m

**108.** Robin takes twice as long to row a distance against the stream as to row the same distance in favour of stream. The ratio of the speed of the boat in still water to that of the stream is
a) 2 : 1          b) 3 : 1
c) 3 : 2          d) 4 : 3

**109.** The wrong number in the series 3, 5, 10, 12, 24, 26, 48, 54 is
a) 10          b) 12
c) 24          d) 48

**110.** If $x + \dfrac{1}{x} = \sqrt{3}$, then $x^3 + \dfrac{1}{x^3} = ?$

a) 0          b) $3\sqrt{3}$
c) 27          d) 18

**111.** The value of $k$ for which $(x + 2)$ is a factor of $(x + 1)^7 - (2x + k)^3$ is
a) 5          b) 4
c) 3          d) -2

**112.** If one root of the quadratic equation $x^2 + mx + n = 0$ is reciprocal of the other, then we must have

a) $n = \dfrac{1}{2}$          b) $n = 1$

c) $m = 0$          d) $m + n = 1$

**113.** From a pack of 52 cards, two cards are drawn together at random. What is the probability of both the cards being king ?

a) $\dfrac{1}{26}$          b) $\dfrac{35}{256}$

c) $\dfrac{25}{52}$          d) $\dfrac{1}{221}$

**114.** The foot of a ladder leaning against a wall of height 5m resting on a level ground is $5\sqrt{3}$ m from the base of the wall. The inclination of the ladder with the ground is
a) 30°          b) 45°
c) 60°          d) None of these

**115.** Which of the following word cannot be formed by using the letters of the word 'COU-RAGEOUS' ?
a) SECURE
b) GRACE
c) COURSE
d) ARGUE

**116.** If GOODNESS is coded as HNPCODTR, then how GREATNESS can be written in that code ?
a) HQZSMFRT
b) HQFZUMFRT
c) HQFZUFRTM
d) HQFZUODTR

**117.** What comes in place of question mark (?) in the series given below ?
P3C, R5F, T81, V12L, ?
a) Y170
b) X16M
c) X160
d) X170

**118.** Arrange the following words as per order in the dictionary.
i. Preposition
ii. Preparatively
iii. Preposterous
iv. Preponderate
a) ii, iv, i, iii
b) i, ii, iv, iii
c) iv, ii, iii, i
d) iv, ii, i, iii

**119.** If every second Saturday and all Sundays are holidays in a 30 days month beginning on Saturday, then how many working days are there in that month ?
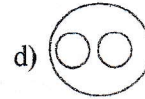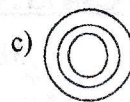a) 21
b) 22
c) 23
d) 24

**120.** A leap year which begins on Saturday will end on
a) Saturday
b) Sunday
c) Monday
d) Friday

**121.** If P denotes '÷', Q denotes 'X', R denotes '+' and S denotes '-', then
18Q12P4R5S6=?
a) 76
b) 65
c) 56
d) 53

**122.** Identify the diagram that best represents the relationship among classes given below.
Sportsmen, Cricketers, Batsmen

a)
b)
c)
d)

**123.** Consider the following statements followed by two conclusions.
Statement :
I. All crows are birds.
II. All peacocks are crows.
Conclusions :
I. All peacocks are birds.
II. All birds are peacocks.

Now choose the correct answer from the following :
a) Only conclusion I follows
b) Only conclusion II follows
c) Both conclusion I and II follows
d) None of the conclusion follows

**124. Statement :**
I. The Constitution assures the fundamental rights.
II. Parliament has right to amend the Constitution.
Conclusions :
I. Parliament included fundamental rights in the Constitution
II. Parliament did not assure the fundamental rights.

Choose the correct answer from the following:
a) Only conclusion I follows
b) Only conclusion II follows
c) Both conclusion I and II follows
d) None of the above

**125.** Study the following statement carefully and choose the appropriate alternative.
Statement : Should the government ban all forms of protests including strikes and processions ?
Arguments :
I. Yes, this is the only way to teach discipline to the employees.
II. No, government cannot deprive its citizens of their basic rights.
III. Yes, this is the only way to maximise productivity without disruption of work.
a) Only argument I is strong
b) Only argument II is strong
c) Only argument III is strong
d) None is strong

**126.** Which one of the given responses would be a meaningful order of the following words ?
i. Meghalaya
ii. Universe
iii. Shillong
iv. World
v. India
a) ii, iii, v, i, iv     b) iii, iv, i, v, ii
c) iii, i, v, iv, ii     d) v, iii, ii, i, iv

**127.** How many odd numbered pages are there in a book of 1085 pages ?
a) 543     b) 544
c) 545     d) 546

**128.** A, B, C, D, E, F, G and H want to have a dinner on a round table and they have worked out the following seating arrangements.
i. A will sit beside C
ii. H will sit beside A
iii. C will sit beside E
iv. F will sit beside H
v. E will sit beside G
vi. D will sit beside F
vii. G will sit beside B
viii. B will sit beside D

Who will be to the immediate right of A ?
a) B     b) H
c) F     d) G

**129.** What will be the angle between hour hand and minute hand, if the clock shows 8:30 am ?
a) 60°     b) 85°
c) 75°     d) 90°

**130.** If January 1 is a Saturday, then what is the first day of the month of March in a leap year ?
a) Sunday     b) Monday
c) Tuesday     d) Wednesday

**131.** The door of Aditya's house faces the East. From the back side of his house, he walks straight 50m, then turns to the right and walks 50m again. Finally, he turns towards left and stops after walking 25m. Now, Aditya is in which direction from the starting point ?
a) North-West     b) South-West
c) South-East     d) North-East

**132.** A is brother of B. C is father of D. E is mother of B. A and D are brothers. Then what is the relation of E to C ?

a) Sister     b) Wife
c) Sister-in-law     d) Niece

**133.** The positions of how many digits in the number 847912 will remain unchanged after the digits within the number are rearranged in descending order (from left to right) ?
a) Three     b) Two
c) One     d) None of the above

**134.** Find the missing character in the following matrix.

| D | M | V |
|---|---|---|
| F | P | Z |
| H | S | ? |

a) D     b) C
c) G     d) K

**135.** Which of the following numbers 7343, 9125, 6803, 5672, 5084 is different from the other numbers, in accordance with some rule ?
a) 9125     b) 6803
c) 5672     d) None of the above

**136.** Find out the wrong pair from the following
a) Hard-Soft     b) Sweet-Sour
c) Day-Night     d) Long-High

**137.** Which of the following pairs have the same relationship as Chair : Wood ?
a) Book : Print     b) Mirror : Glass
c) Plate : Food     d) Purse : Money

**138.** A number when divided by 602 leaves a remainder 36 ; what remainder would be obtained by dividing the same number by 14 ?
a) 7     b) 8
c) 9     d) 11

**139.** The digit in the asterisk (*) for which the number 302*7 is divisible by 6 is
a) 6     b) 0
c) 4     d) None of the above

**140.** The largest number that divide 148, 246 and 623 leaving remainders 4, 6 and 11 is
a) 16     b) 14
c) 12     d) 18

**141.** The difference between the largest and the smallest fractions among $\frac{4}{7}, \frac{1}{2}, \frac{3}{5}$ is-

a) $\frac{1}{10}$       b) $\frac{3}{10}$

c) $\frac{1}{7}$       d) $\frac{9}{70}$

**142.** Which of the following vulgar fraction is a terminating decimal ?

a) $\frac{131}{350}$       b) $\frac{141}{350}$

c) $\frac{151}{350}$       d) $\frac{161}{350}$

**143.** A cylindrical piece of metal of radius 2cm and height 6cm is shaped into a cone of the same radius. The height of the cone is
a) 10cm      b) 12cm
c) 18cm      d) 16cm

**144.** $\frac{21}{8} \div \frac{7}{72} \times \frac{1}{171}$ is equal to

a) $\frac{4}{19}$       b) $\frac{9}{16}$

c) $\frac{3}{17}$       d) $\frac{3}{19}$

**145.** The missing figure in the question 6-[5-{?-(2-1.5)}]=3 is
a) 2.5      b) 1.5
c) 1      d) 2

**146.** Standard gold contains 22 parts of pure gold to 2 parts of alloy. The percentage of alloy in a sovereign which is made of standard gold is

a) $11\frac{1}{3}\%$       b) $8\frac{1}{3}\%$

c) $11\frac{1}{2}\%$       d) None of these

**147.** If $x > 0$ and the numbers $(x + 1)$, $(x + 2)$, $(x + 3)$ represent the length of the sides of a right angled triangle, then x is equal to
a) 4      b) 3

c) 2      d) 1

**148.** The average of the first nine prime numbers is less than which of the following primes ?
a) Tenth      b) Eleventh
c) Twelfth      d) Thirteenth

**149.** Perimeters of two squares are in the ratio 3 : 4 ; their sides will be in the ratio
a) 9 : 16      b) 3 : 4
c) 4 : 5      d) 5 : 6

**150.** By selling a tie for Rs.63, a shopkeeper gains 5%. At what price should he sell the tie to gain 10% ?
a) Rs.70      b) Rs.68
c) Rs.66      d) Rs.60

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