

## General knowledge

1. National waterways 2 (NW2) stretches between \_\_\_\_\_.

- A Godavari and Krishna
- B Sadiya-Dhubri
- C Allahabad-Haldia
- D Kottapuram-Kollam

2. Kharif crops, which are also known as monsoon crops, are the crops that are grown during the monsoon or rainy season (June to October). Which of the following is NOT a Kharif crop?

- A paddy
- B maize
- C wheat
- D bajra

3. Where was TiHan Foundation, India's first Testbed for Autonomous Navigation Systems, established?

- A IIT-Chennai
- B IIT-Mumbai
- C IIT-Delhi
- D IIT-Hyderabad

4. Himalayan Mountains present in Asia is the example of which of the following type of Mountain?

- A Fold Mountains
- B Block Mountains
- C Dome Mountains
- D Plateau Mountains

5. Who built the Martand Sun Temple, the temple located five miles from Anantnag in the Indian union territory of Jammu and Kashmir ?

- A Kalhana
- B Raja Ramaditya
- C Lalitaditya Muktapida
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7. Which is a cash crop grown in the J&K UT in Pampore?

- A Cardamom
- B Cumin
- C Paprika
- D Saffron

8. Who was the founder of the Shah Mir dynasty?

- A Didda
- B Zain-UI-Abidin
- C Shams-Ud-Din
- D NK Zutshi

9. A typical walnut tree in Kashmir takes about \_\_\_\_\_ years to fetch the first crop.

- A 3-5
- B 16-20
- C 7-10
- D 13-15

10. Nickname of which of the following place is 'meadow of flowers'?

- A Sonmarg
- B Uri
- C Kishtwer
- D Gulmarg

11. \_\_\_\_\_ is a world-famous clothing product from Jammu & Kashmir region of India.

- A Pashmina
- B Chikankari
- C Chanderi
- D Paithani

12. Which of the following is the folk dance of the Bodo tribe in Northeast India?

- A Chhau
- B Shondol
- C Bagurumba
- D Karagam

13. Who won the 2020 Nobel Prize in Literature?

- A Akira Yoshino
- B Peter Handke
- C Olga Tokarczuk
- D Louise Gluck

14. Who will host the Summer Paralympics Games 2024?

- A Paris
- B Beijing
- C Florida
- D Tokyo

15. The total number of seats in the Legislative Assembly of the Union territory of Jammu and Kashmir to be filled by persons chosen by direct election shall be \_\_\_\_\_ as per the J&K Reorganisation Act, 2019.

- A 110
- B 107
- C 100
- D 105

16. Patnitop, a famous hill station, is located in which of the following districts of Jammu & Kashmir?

- A Udhampur
- B Kathua
- C Ramban
- D Kishtwar

17. Which National Park occupies almost half of the catchment zone of the famous Dal Lake and plays a crucial role in supplying drinking water to the inhabitants of Srinagar?

- A Dachigam National Park
- B Kazinag National Park

- C** Kishtwar National Park
- D** Hemis National Park

18. Which of the following festival of Jammu & Kashmir is associated with long light-paddling colourful boats?

- A** Gurez festival
- B** Shikara festival
- C** Hemis festival
- D** Tulip festival

19. Which river is known as "Chandrabhaga" in Jammu & Kashmir?

- A** Jhelum
- B** Chenab
- C** Tawi
- D** Ravi

20. Which of the following is the northernmost segment of NH 44?

- A** Jammu-Srinagar National Highway
- B** Domail-Katra National Highway
- C** Srinagar-Leh National Highway
- D** Batote- Khannabal National Highway

21. Central government's newly approved Industrial Developmental Scheme for Jammu & Kashmir will provide employment to 4.5 lakh people. Which of the following options is INCORRECT with reference to the scheme?

- A** The scheme is approved with a total outlay of Rs. 28,400 crore up to the year 2037.
- B** The maximum limit of incentive is Rs 10 crore and Rs 15 crore in Zone A and Zone B, respectively.
- C** The objective is to generate jobs leading to the socio-economic development of the area.
- D** The amount of incentive in a financial year will not exceed one-tenth of the total eligible amount of the incentive.

22. Who has been recently appointed as the Chief Justice of Jammu & Kashmir High Court?

- A** Gita Mittal
- B** Ravi Vijaykumar Malimath
- C** Pankaj Mithal
- D** Lingappa Narayana Swamy

23. First Dronacharya Awardee from Jammu & Kashmir- Kuldeep Handoo has been recently appointed as the "Fit India" movement ambassador. He is associated with which of the following fields?

- A Kabaddi
- B Wushu
- C Hockey
- D Wrestling

24. In which year Aryabhata, India's first satellite launched?

- A 1957
- B 1988
- C 1975
- D 1963

25. Match the Lakes in List-I with their Location states in List-II.

| List-I             | List-II            |
|--------------------|--------------------|
| (i) Chilika Lake   | (a) Manipur        |
| (ii) Loktak Lake   | (b) Kerala         |
| (iii) Kanwar lake  | (c) Odisha         |
| (iv) Vembanad Lake | (d) Bihar          |
|                    | (e) Madhya Pradesh |

- A (i)-e,(ii)-b,(iii)-c,(iv)-d
- B (i)-a,(ii)-b,(iii)-d,(iv)-c
- C (i)-c,(ii)-a,(iii)-d,(iv)-b
- D (i)-e,(ii)-b,(iii)-c,(iv)-d

26. Read the following statements with the reference to Census and choose the correct option:-

(i) Census is a systematic method of measuring the population growth of a specific geographical region at a certain point of time.

(ii) The process of census includes collection of data, processing, tabulation of the data, and publishing it through an authorised publication.

- A i) True (ii) False
- B (i) False (ii) True
- C (i) True (ii) True
- D (i) False (ii) False

27. Which of the following convention is associated with 'Aichi Targets'?

- A Ramsar Convention
- B Stockholm Declaration
- C Convention on Migratory Species
- D **Convention on Biological Diversity**

28. Who among the following has been elected as the President of Kyrgyzstan?

- A Hadyr Japarov
- B Saqyr Japarov
- C **Sadyr Japarov**
- D Qadyr Japarov

29. J K Govt recently signed MoU with NECBDC NEC for \_\_\_\_\_ entrepreneurship.

- A heeng
- B **bamboo**
- C saffron
- D walnut

30. With which country did India partner with to establish Skill India's first Centre of Excellence?

- A Germany
- B UK
- C **France**
- D Japan

## **Section II Accountancy**

31. In journal, the business transaction is recorded

- A **Same day**
- B Next day
- C Once in a week
- D Once in a month

32. A bank reconciliation statement is prepared with the help of

- A **Bank statement and bank column of the cash book**
- B Bank statement and cash column of the cash book
- C Bank column of the cash book and cash column of the cash book
- D None of the above

33. Mr.A, Mr.B, and Mr.C formed a partnership. Mr.A provided a loan of Rs. 1,20,000 to the partnership firm for a year. Assuming Partnership deed to be silent on Interest on partner's loan, what will be the amount of Interest Mr.A will receive from the firm?

- A** 7,200
- B** 12,000
- C** 10,800
- D** No interest will be given

34. What is the primary goal of the financial management?

- A** To minimize the risk
- B** To maximize the return
- C** To maximize the owner's wealth
- D** To raise profit

35. The process of passing the journal entry in the books of journal is called

- A** Journalising
- B** Journal book
- C** Transaction
- D** journalisation

36. PFMS is an

- A** Electronic fund tracking mechanism
- B** Electronic force tracking mechanism
- C** Elective fund tracking mechanism
- D** None of these

37. Which of the following term can be defined as "The measurement and reporting of information concerning the impact of an entity and its activities on society".?

- A** Social responsibility and accounting
- B** Social auditing of accounts
- C** Social accounting
- D** Socio-Economic accounting and auditing

38. Which of the following point is an essential of an accounting voucher?

- A** Date of Transaction
- B** Serial number of the voucher

- C** Both (A) & (B)
- D** None of the above

39. Cash book is the only book which serves the dual purpose of the

- A** Journal and ledger
- B** Ledger and Profit and loss account
- C** Journal and profit and loss account
- D** None of the above

40. Profit & Loss statement is also known as?

- A** Statement of operations
- B** Statement of Income
- C** Statement of Earnings
- D** All of the above

41. Which of the following is a method for preparing the trial balance?

- i) Conversion Method
- ii) Total method
- iii) Net worth method
- iv) Balance method

- A** i) & ii)
- B** ii) & iii)
- C** ii) & iv)
- D** i) & iv)

42. Accounting concepts work as the basis for recording transactions of the business based on?

- A** Assumption
- B** Rules of accounting
- C** Principles of accounting
- D** All the above

43. By way of closing entry, all the balances of direct expenses are transferred to?

- A** Trading account
- B** Profit & loss account
- C** Ledger
- D** Balance sheet

44. Which of the following is known as the Principal book of accounts?

- A** Journal entry
- B** Ledger
- C** Balance sheet
- D** None of the above

45. B Ltd sold goods to A Ltd. for credit. In the books of B Ltd, which one of the following accounts is debited under double entry system?

- A** Cash
- B** Bank
- C** Sales
- D** A Ltd

46. Goods and Services Tax is levied on all goods and services, except:

- A. Alcoholic liquor for human consumption
- B. Natural Gas
- C. Tobacco
- D. Opium

- A** Only A and C
- B** Only A, B, and D
- C** Only A and B
- D** All of the above

47. Which of the following was not subsumed by the Goods and Services Tax?

- A** Luxury Tax
- B** Taxes on advertisements
- C** Entry Tax
- D** All of the above were subsumed by the GST

48. Mr. A, aged 28 years, has a total income of ₹6,50,000 for Previous year 2020-21. His total income comprises of salary and income from house property. He doesn't want to avail any deduction/exemptions and want to be assessed as per new tax regime. You are required to compute his tax liability for the assessment year 2021-22.

- A** ₹22,500
- B** ₹25,500
- C** ₹23,500
- D** ₹27,500

49. Sales budget falls under which of the following component of Budgetary Control System?

- A** Statement of Financial Position
- B** Cost budgets
- C** Statement of funds flow
- D** Financial budgets

50. Which of the following is not an advantage of the Budgetary Control System?

- A** Revision of plans
- B** Based on Estimates
- C** Implementation of Standard Costing system
- D** Both A and B

51. Under which type of Costing all costs (variable and fixed) are charged to the product?

- A** Absorption Costing
- B** Uniform Costing
- C** Direct Costing
- D** Marginal Costing

52. Salary of Office Staff will fall under which of the following Cost if classified by functions?

- A** Development Costs
- B** Administrative Costs
- C** Selling Costs
- D** It can be classified under any of the above

53. Mr. A, Mr. Z, and Mr. S has formed a partnership firm and bought a capital of ₹5,00,000, ₹3,00,000, and ₹2,00,000 each. After a year the firm had a profit of ₹50,000. The Partnership deed is silent on distribution of profit, and you are required to determine the distribution of the profit.

- A** A - 25,000; Z- 15,000; S- 10,000
- B** A- 16,666.66; Z- 16,666.66; S-16,666.66
- C** A-30,000; Z-10,000; S-10,000
- D** None of the above

54. Consider the following particular heads:

Prepaid salary - ₹10,000

Accrued Commission - ₹2,000

Rent Received in Advance - ₹2,000

Debtors - ₹1,000

Provision for Doubtful Debts - ₹100

Outstanding Wages - ₹1,000

What will be the amount shown in the assets side of the balance sheet?

- A** 14,900
- B** 15,900
- C** 12,900
- D** 13,900

55. Assets are always equal to:

- A** Liabilities
- B** Owner's Equity
- C** Either A or B
- D** Both A and B

56. Which of the following is not classified under the Financial Statements of an enterprise?

- A** Trading and Profit and Loss account
- B** Balance Sheet
- C** Trail Balance
- D** All of the above falls under the financial statements

57. Which of the following Ind-AS deals with Financial Instruments?

- A** 108
- B** 109
- C** 110
- D** 111

58. Who is regarded as the father of accounting?

- A** William Welch Deloitte
- B** T. Coleman Andrews
- C** Luca Pacioli
- D** Ryszard Siwiec

59. Which of the following Generally Accepted Accounting Principle assumes that a business firm would continue to carry out its operations indefinitely?

- A Business Entity Concept
- B Consistency Concept
- C Accounting Period Concept
- D None of the above

60. Which of the following statement is true with respect to the concept of conservatism?

- A It provides guidance for recording transactions in the book of accounts and is based on the policy of playing safe.
- B It requires that accounting should focus on material facts.
- C It requires that accounting transaction should be recorded in an objective manner, free from the bias of accountants and others.
- D All of the above statements are true.

### **Section III. English**

Fill in the blank with the right option.

61. Certain plants are \_\_\_\_\_ to have a sleepy effect.

- A Watch
- B See
- C Seen
- D Saw

62. Insert the right articles in the respective blanks.

The group of beliefs which constituted what for convenience' sake is called the Egyptian religion in \_\_\_\_\_ existence of some thousands of years passed through nearly every phase known to \_\_\_\_\_ student of comparative mythology.

- A A, no article required
- B An, the
- C The, an
- D A, a

63. Select the right tense for the blank.

\_\_\_\_\_ to explore the idea of journalism for the post-pandemic era, there was disturbing news of more job losses in the news media.

- A** As I am trying
- B** As I will try
- C** As I will be trying
- D** As I was trying

64. Rearrange the sentences in a meaningful order.

A. Time and freedom are essential to fundamental science, transformative science, and science that, not incidentally, eventually has far-reaching practical consequences.

B. Even when a scientist makes a breakthrough, it may take a decade or more before his or her work becomes socially useful.

C. It takes the same amount of time for his work to become economically profitable.

D. It takes years, if not a decade or more, for new thoughts to percolate.

- A** ADBC
- B** ABDC
- C** CABD
- D** BADC

65. Select the right meaning of the underlined idiom.

Many consumers are still on the fence, waiting for a less expensive computer to come along.

- A** Confused
- B** Frustrated
- C** Furious
- D** Patient

66. Select the right co-ordinate clause for the following sentence.

She objected at first, \_\_\_\_\_

- A** Or finally submitted.
- B** And finally submitted.
- C** As finally submitted.
- D** But finally submitted.

67. Read the following paragraph and answer the question that follows.

I've long held to the completely unsupported notion that a protagonist is simpler to write than a truly memorable supporting character. Sometimes just a silhouette - created with a few slashes of the pen, a few charismatic adjectives - seems the more unlikely accomplishment,

born out of some surplus wit and energy, some surfeit of love for a fictional world that expresses itself in the desire to animate even its most minor participants. F. Scott Fitzgerald excelled at this sort of character. Few can write a more vivid neighbor, train conductor, or, more usually, bartender. He is also called Owl Eyes (for his large spectacles) and is one of the many partygoers at Gatsby's mansion. When we first meet him, he has wandered into the library and doesn't seem able to escape - he stands paralyzed, staring at the books in inebriated admiration.

When we first meet him, he has wandered into the library and doesn't seem able to escape

What does the pronoun 'he' refer to?

- A** F. Scott Fitzgerald
- B** Owl Eyes
- C** One of the partygoer
- D** All of the above

68. Fill the blanks with the right pair of words.

I am \_\_\_\_\_ to warn him not to \_\_\_\_\_ his car to that person.

- A** hear, sell
- B** here, cell
- C** here, sell
- D** hear, cell

69. Select the correct preposition for the blank.

SC asks Centre to clarify stand on rules \_\_\_\_\_ confiscation of animals.

- A** during
- B** regarding
- C** including
- D** considering

70. Fill in the blank to complete the conversation meaningfully.

Teacher: \_\_\_\_\_

Student: Pretty well, but I am facing some difficulties in solving some Math problems.

- A** How are your studies going on?
- B** May I know which problems they are?
- C** Maybe I could help you with this.
- D** You may come to my house after school to study.

## Statistics

71. Which among the following is not a type of Index number?

- A** Sensex
- B** Wholesale price index
- C** Index of industrial production
- D** None of the above

72. Which of the following statement is true about secondary data?

- A** The data being used is collected by another agency.
- B** It may not contain human errors as it is compiled from another source.
- C** The statistical data published by RBI Bulletin is a secondary data
- D** All of the above

73. In an examination 70% of students have passed in English and 40% of them passed in Science. If 20 % of the students have passed in both of the subjects. What is the probability that a student has passed in Science if it is known that he has already passed in English?

- A** 4/5
- B** 3/7
- C** 2/7
- D** 4/7

74. Which among the following are the different approaches to the observation method used in the collection Primary data?

- A** Structured or Unstructured approach
- B** Controlled or Uncontrolled approach
- C** Non-participant or disguised approach.
- D** All of the above

75. Which among the following is/are not true about Pie chart?

- A** Pie charts are not usually drawn with absolute values of a category
- B** Values of each category are first expressed as ratio
- C** Circle in a pie chart is considered to have 100 equal parts of  $3.6^\circ$  each
- D** All of the above

76. Which among the following is the most frequently observed data value?

- A** Mean

- B** Mode
- C** Median
- D** Standard Deviation

77. If  $N = 650$ ,  $(A) = 150$ ,  $(AB) = 75$ ,  $(B) = 115$ ; then find  $(a\beta)$  from the option?

- A** 156
- B** 347
- C** 287
- D** 460

78. In the options given below, which of the following are the main sources for collecting demographic statistics?

- A** Census
- B** Sample Surveys
- C** Administrative records
- D** All of the above

79. In the town of A, there were 57630 births. The total population of the town A was 10,29,442. Then find the CBR from the following?

- A** 47.6
- B** 38.4
- C** 27.6
- D** 55.9

80. Which of the following are the precautions can be followed before sending the questionnaire by e-mail?

- A** The purpose of the enquiry should not be clearly explained in a mail
- B** Postage will be charged from the respondents
- C** It should clearly be mentioned that the investigator is responsible to pay all the costs
- D** All of the above

## Mathematics

81. What are the coordinates on the point which divides the line joining  $(-1, 7)$  and  $(4, -3)$  in the ratio 2:3?

- A**  $(7, 4)$
- B**  $(9, 9)$
- C**  $(1, 3)$
- D**  $(4, 7)$

82. If  $A = \begin{bmatrix} 2 & 8 \\ 7 & 9 \end{bmatrix}$  and  $B = \begin{bmatrix} 3 & -1 \\ -2 & 0 \end{bmatrix}$ , then find the value of  $AB$ .

$$\begin{matrix} \begin{bmatrix} -10 & -2 \\ 3 & -7 \end{bmatrix} & \begin{bmatrix} -8 & -2 \\ -3 & 6 \end{bmatrix} & \begin{bmatrix} -10 & -2 \\ -3 & 12 \end{bmatrix} & \begin{bmatrix} -8 & -2 \\ 3 & -14 \end{bmatrix} \\ I & II & III & IV \end{matrix}$$

- A IV
- B I
- C III
- D II

83. In a company, 25 candidates appeared in the interview out of which 15 are males. If two candidates are selected, then find the probability that both of them are females.

- A 1/10
- B 1/5
- C 3/20
- D 2/15

84. Which of the following is True if vectors below are collinear?

$$\vec{a} = \hat{i} + a\hat{j} + 3\hat{k} \text{ and } \vec{b} = 3\hat{i} - b\hat{j} + 9\hat{k}$$

- A  $b = 3a$
- B  $b = -3a$
- C  $3b = a$
- D  $3b = -a$

85. A sum of Rs.32500 becomes Rs.43732 at some rate of interest in 2 years. If the sum is compounded annually, then find the rate of interest.

- A 12%
- B 16%
- C 18%
- D 14%

86. In how many ways can the eight teachers, the vice-principal and the principal of a school be seated around a circular-table, if the principal has to sit between the vice- principal and the teacher?

- A 60360
- B 70840
- C 80640
- D 90810

87. If  $f(x) = 1 + 6x^2$ , then  $f(x) + f(y) + f(z)$  is equal to -

- A  $f(x^2 + y^2 + z^2 + 3/2)$
- B  $f(xy + yz + xz + 3)$
- C  $f(xy + yz + xz)$
- D  $f(x^2 + y^2 + z^2 + 1/3)$

88. If  $f(x) = 3x^5 - 2x^3 + 6x^2 - 3$ , then what is the value of  $f(1) - f'(2) + 5f''(0)$ ?

- A -176
- B -154
- C -166
- D -144

89. If  $5x + 5y = 12$  and  $2x - y = 6$  are simultaneous linear equations, then the value of  $x + 2y$  is \_\_\_.

- A 2
- B -1
- C -3
- D 4

90. Which of the following is not an example of an infinite set?

- A Set of points in a line.
- B Set of odd numbers above 1000.
- C Set of factors of 750.
- D Set of integers below 50.

## Economics

91. Which one of the following "Type of inflation-Description" pair is not matched properly?

- A Moderate Inflation- Inflation is in single digits, less than 10%
- B Stagflation- A fall in prices, a negative inflation rate
- C Disinflation- A falling rate of inflation
- D Creeping inflation- Rate of inflation slowly increases over time

92. Which of the following instrument is used by RBI in order to absorb surplus liquidity of a more enduring nature arising from large capital inflows?

- A Open Market Operations
- B Market Stabilization Scheme

- C None of those given as options
- D Systematic Stabilization Scheme

93. Which of the following is a simple measure of the distribution of income across income percentiles in a population?

- A Gini Coefficient
- B Human Capital Index
- C Purchasing Power parity
- D None of the above

94. Which of the following explains that the satisfaction or utility that one derives from the product decreases as they consume more and more of that product?

- A Law of Diminishing Returns
- B Law of Diminishing Marginal Utility
- C Theory of Value
- D Paradox of Value

95. The marginal principle of the Ricardian theory of rent gives the\_\_\_\_\_.

- A measure of rent
- B different nature of the land
- C quantities of labour and capital
- D assumption of free competition and unemployment

96. What is the magnitude of the slope of an indifference curve?

- A Marginal utility of substitution
- B Marginal Rate of Utility of income
- C Rate of Increasing opportunity cost
- D The marginal rate of substitution

97. The formula for calculating marginal revenue productivity is:

- A Marginal Revenue Productivity \* Maximum profit
- B Marginal Revenue Productivity \* Physical productivity
- C Marginal physical product (MPP) \* Marginal Revenue
- D Marginal Revenue Productivity \* Market price of the product

98. \_\_\_\_\_ is an economic concept which measures the responsiveness in the quantity demanded of one good when the price for another good changes.

- A** Cross Elasticity of Demand
- B** Cross Elasticity of Supply
- C** Net Elasticity of Demand
- D** Net Plasticity of Supply

99. Read the following statements with reference to the planned & market economy and choose the CORRECT option.

(i) The activity in a market economy is not determined by the supply and demand of goods and services.

(ii) In a planned economy, governments own the factors of production such as land, capital, and resources.

- A** (i) is TRUE and (ii) is TRUE
- B** (i) is TRUE and (ii) is FALSE
- C** (i) is FALSE and (ii) is TRUE
- D** (i) is TRUE and (ii) is FALSE

100. After the introduction of New Economic Reforms, Foreign capital in the form of \_\_\_\_\_ & \_\_\_\_\_ entered our country.

- A** FCI, FDI
- B** FRI, FDP
- C** FDI, FFI
- D** FDI, FPI

## General science

101. Rockets move forward by expelling gas backward at high velocity. Which law supports this statement?

- A** Newton's third law
- B** Law of inertia
- C** Newton's second law
- D** None of these

102. In Equation of Wind power, The amount of energy in the wind varies with the \_\_\_\_\_ of the wind speed.

- A** square
- B** cube
- C** fourth power
- D** sixth power

103. Which of the following is/ are Quantitative pollutants?

- A** CO<sub>2</sub>, NO<sub>2</sub>
- B** DDT, Fungicide
- C** CO, DDT, TNT
- D** All of the above

104. Which of the following statements are true in relation to a food chain?

- A** Tertiary consumers eat secondary consumers
- B** Quaternary consumers eat tertiary consumers
- C** Food chains "end" with top predators, animals that have little or no natural enemies.
- D** All of the above

105. Which vitamin deficiency results in a state of poor night vision & growths on the white part of the eyes?

- A** Vitamin K
- B** Vitamin B7
- C** Vitamin C
- D** Vitamin A

106. A number of protozoan pathogens are human parasites, causing various diseases. Which of the following is a protozoan disease?

- A** Athlete's Foot
- B** Cholera
- C** Malaria
- D** Chickenpox

107. The iron pipes we use in our homes to carry water are galvanised to prevent rusting. Which metal is used in galvanisation?

- A** Copper
- B** Aluminium
- C** Lead
- D** Zinc

108. During digestion, starch is partially transformed into maltose by the pancreatic or salivary enzymes. Which enzyme converts starch into maltose?

- A** Diastase
- B** Invertase
- C** Zymase

**D** Maltase

109. All the metals exist in the solid state at normal temperature except \_\_\_\_\_ which exist in the liquid state at normal temperature.

- A** Mercury
- B** Chromium
- C** Nickel
- D** Tin

110. Acceleration is the name we give to any process where the velocity changes. Which of the following situations are possible with respect to these two quantities?

- A** A football with constant acceleration but zero velocity.
- B** A dust particle moving in a certain direction with an acceleration in the perpendicular direction.
- C** A stone tied in a string moving in circular path get accelerated even though the speed is constant.
- D** All the above situations are possible.

### Computer Knowledge

111. Which of the following is NOT an example of a Network Operating System?

- A** Microsoft Windows Server 2008
- B** Multics
- C** None of these
- D** Linux

112. \_\_\_\_\_ is a one-point source to access all Indian Government Websites at all levels and from all sectors.

- A** GoI Web Repository
- B** GoI Web Depository
- C** GoI Web Mandatory
- D** GoI Web Directory

113. Which one of the following can be used only as an Input device?

- A** Facsimile
- B** Touch screen
- C** Modem
- D** Touchpad

114. LibreOffice and GNU Image Manipulation Program are examples of which type of computer software?

- A** Proprietary software
- B** Closed software
- C** Open-source software
- D** Non-free software

115. Which computer virus can enter into a system through an e-mail or free programs that have been downloaded?

- A** Trojan Horse
- B** Multipartite virus
- C** Time Bomb
- D** Both B & C

116. Alex created a newsletter that looks same while opening in any device. What will be the possible file name given for the letter?

- A** AlexMathew.doc
- B** AlexMathew.pdf
- C** AlexMathew.docx
- D** AlexMathew.txt

117. What is the function of Ctrl + F9 in MS-Excel?

- A** Minimize the workbook window
- B** Calculate active worksheets
- C** Switch to Print Preview
- D** Insert a new worksheet

118. Spell check, Thesaurus and word count are the options available under which tab of a MS-Word document?

- A** References
- B** Layout
- C** Review
- D** Insert

119. Which of the following is/are the function(s) of a CPU Control Unit?

- I. Interprets instructions, regulate and control processor timing
- II. Sends and receives control signals from other computer gadgets
- III. Shifting the position of bits by a certain number of places to either the right or left

- A** Only I

- B** Only III
- C** Both I & II
- D** All I, II & III

120. Which of the following statement is true with respect to the Random-Access Memory?

- A** Used specially for the booting process
- B** Stores data in Gigabytes
- C** Non-volatile memory
- D** Writing data to the memory is faster

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