

Section 1 - General Knowledge with special reference to J and K

1) In August 2017, the Supreme Court declared that Right to Privacy is a fundamental right and it is intrinsic to Right to life and Personal Liberty, guaranteed under which Article of the Indian Constitution?

- A) Article 17
- B) Article 21
- C) Article 19
- D) Article 40

2) Read the following statements with reference to 73rd Amendment of Constitution of India and choose the CORRECT option.

(i) Every Panchayat, unless sooner dissolved under any law for the time being in force, shall continue for a term of six years from the date appointed for its first meeting.

(ii) An election to constitute a Panchayat shall be completed before the expiration of a period of six months from the date of its dissolution.

- 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 FALSE and (ii) is FALSE

3) According to the Jammu and Kashmir Panchayati Raj Act, 1989, 'Halqa Majlis' means:

- A) All the voters of a Halqa Panchayat
- B) The area comprising a village
- C) All the villages of a Halqa Panchayat
- D) The area comprising a Halqa

4) According to the Jammu and Kashmir Panchayati Raj Act, 1989 (as amended up to October, 2018 and rules), who shall be the Secretary of the Halqa Panchayat?

- A) Any person elected by Halqa Panchayat
- B) Block Development Officer
- C) Village level worker or Multipurpose worker
- D) Any elderly worker or Officer of the Panchayat

5) Under the National Saffron Mission, a India International Kashmir Saffron Trade Centre (IIKSTC) has been set up to ensure saffron produced in the state is sold, graded and exported to various countries in a transparent and hassle free manner. This centre is located at:

- A) Mandji in Sopore
- B) Dusoo in Pampore
- C) Kathsu in Pahalgam
- D) Bali in Udhampur

6) Who among the following personalities served as the last Prime Minister and the first Chief Minister of Jammu and Kashmir?

- A) Bakshi Ghulam Mohammad
- B) Syed Mir Qasim
- C) Ghulam Mohammed Sadiq
- D) Sheikh Mohammad Abdullah

7) By which amendment act of the Indian Constitution was the 'Right to Education' made a fundamental right?

- A) 86th Constitutional Amendment Act, 2002
- B) 80th Constitutional Amendment Act, 2000
- C) 90th Constitutional Amendment Act, 2003
- D) 85th Constitutional Amendment Act, 2002

8) The provisions contained in Part IV of the Indian Constitution shall not be enforceable by any court but shall be the duty of the State to apply these in making laws. Which of the following options is being referred to?

- A) Directive Principles of State Policy
- B) Relations between the Union and the States
- C) Fundamental Duties
- D) Fundamental Rights

9) As per the NITI Aayog's 2019-2020 SDG India report, Jammu and Kashmir leads in which two categories of Sustainable Development Goals?

- A) No poverty and Gender equality
- B) Sustainable cities and Communities
- C) Sustainable consumption and Production
- D) Zero Hunger and Reduced Inequality

10) From the options provided below, identify the First Minister of the state of Jammu and Kashmir during the reign of Maharaja Hari Singh.

- A) Prithvi Nath Dhar
- B) Mufti Mohammad Syed
- C) Mehr Chand Mahajan
- D) Mian Bashir Ahmed

11) With effect from 1st April 2020, Oriental Bank of Commerce and United Bank of India have been merged into which of the following banks?

- A) Canara Bank
- B) Punjab National Bank
- C) Union Bank of India
- D) State Bank of India

12) Dhanidhar fort, a historical monument is located in which of the following districts of Jammu and Kashmir?

- A) Poonch
- B) Rajouri
- C) Anantnag
- D) Baramulla

13) In October 2019, 'Sangam Youth Festival' was organized by the Indian Army in collaboration with Jammu University at which of the following places?

- A) Udhampur
- B) Jammu
- C) Rajouri
- D) Bhadarwah

14) This magnificent palace served as the royal residence of the rulers of the Dogra dynasty until 1925 and is one of the famous tourist attractions in Jammu. Identify the fort/palace from the following options.

- A) Hari Niwas Palace
- B) Bahu Fort
- C) Mubarak Mandi
- D) Akhnoor Fort

15) 'To provide enhanced insurance cover to the handloom weavers in the case of natural as well as accidental death and in cases of total or partial disability'. This is the objective of which of the following centrally sponsored schemes launched in Jammu and Kashmir?

- A) Niramaya Health Insurance Scheme
- B) Indira Gandhi National Disability Pension Scheme
- C) Mahatma Gandhi Bunkar Yojna
- D) Antyodaya Anna Yojana

16) A traditional Gondola type lightweight rowing boat ride which is famous on the pristine Dal Lake in Kashmir is referred to as:

- A) Gandola ride
- B) Tonga ride
- C) Shikara ride
- D) Coracle ride

17) As per the NITI Aayog's SDG Index which of the following range of scores is used to classify the States/UTs under the category of 'Performer'?

- A) 20-49
- B) 50-64
- C) 65-80
- D) 81-100

18) Who among the following political leaders served as Sadr-e-Riyasat and also as the first Governor of Jammu and Kashmir?

- A) Braj Kumar Nehru
- B) Lakshmi Kant Jha
- C) Karan Singh
- D) Girish Chandra Saxena

19) Who among the following is NOT a political leader from Jammu and Kashmir?

- A) Farooq Abdullah
- B) Jitendra Singh
- C) Mehbooba Mufti
- D) Ghulam Nabi Firaq

20) This is one of the Mughal Gardens in Srinagar, built by Emperor Jahangir and is well known for its chini khar (arched niches) behind garden waterfalls. Identify the garden.

- A) Chashma Shahi Garden
- B) Pari Mahal
- C) Gulab Bhawan
- D) Shalimar Bagh

21) Which of the following two high quality crops are extensively cultivated in the Jammu region of Jammu and Kashmir?

- A) Mushrooms and Soybeans
- B) Saffron and Zeera
- C) Mustard and Peas
- D) Basmati and Rajmash

22) In 2015, the Government of India approved which National Highway Project in the region of Ramban and Jammu to the Kashmir valley?

- A) NH-42
- B) NH-44
- C) NH-46
- D) NH-45

23) Identify the INCORRECT option with reference to the objectives of the Jammu and Kashmir Rural Employment Generation Programme (JKREGP).

- A) To harness and develop the entrepreneurial skills among the rural unemployed youth of the state
- B) To provide livelihood security to households in rural areas by providing not less than 100 days of guaranteed wage employment in a financial year
- C) To mobilize the bank finance for establishment of Village Industries sector of the state on modern lines
- D) To generate employment opportunities in rural areas of the state through setting up of new self-employment ventures or projects of village industries enterprises

24) Which of the following options is the longest all-weather road tunnel that has enabled increase in trade and tourism in the union territory of Jammu and Kashmir?

- A) Banihal Qazigund Road Tunnel
- B) Sangaldan Tunnel
- C) Jawahar Tunnel
- D) Dr. Syama Prasad Mookerjee Tunnel

25) Identify the cricketer from the given list, who represented India in One-Day International.

- A) Shubham Khajuria
- B) Parvez Rasol
- C) Mithun Manhas
- D) Abid Nabi

26) According to Jammu and Kashmir, Panchayati Raj Act, 1989, which of the following options is INCORRECT with reference to Powers and Functions of the Block Development Council?

- A) Conduct the elections of panchayats and wards as prescribed in the act
- B) Supervise plans relating to agriculture, rural development, animal husbandry, education and public health

- C) Administrative and technical guidance to Halqa Panchayats and review of their work
- D) Construction, maintenance and supervision of Inter-Halqa Panchayat communication system

27) Who among the following is first female President of European Commission?

- A) Harinder Sidhu
- B) Anne Slaughter Andrew
- C) Kolinda Grabar-Kitarović
- D) Ursula Gertrud von der Leyen

28) Match the Crops in List - I with their Largest Producing States in List - II. (As per the Agricultural Statistics at a Glance 2018 Report).

List - I	List - II
(i) Cotton	(a) Uttar Pradesh
(ii) Sugarcane	(b) Karnataka
(iii) Sunflower	(c) Gujarat
(iv) Rice	(d) Rajasthan
	(e) West Bengal

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

29) According to 73rd amendment of Constitution of India what is minimum proportion of seats reserved for women of Scheduled Castes and Scheduled Tribes at each tier of the Panchayati Raj System?

- A) One-third of the total number of seats reserved
- B) Two-fifth of the total number of seats reserved
- C) One-fourth of the total number of seats reserved
- D) One-fifth of the total number of seats reserved

30) Hot, dry and oppressing winds blowing in the north plains from Punjab to Bihar, sub-tropical region Jammu are called:

- A) Nor Westers
- B) Kalbaikash
- C) Mango shower
- D) Loo

Section 2 – Mathematics / Statistics

What happens to the shape of a frequency polygon when the number of observations and sets increase?

Tends to become jagged

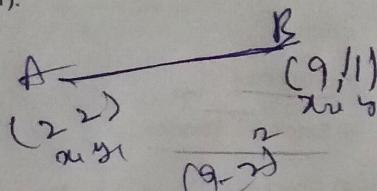
Remains the same

Tends to become increasingly smooth

Varies if data becomes more reliable

Which one of the given options is an answer for the length of the line segment, given that the coordinates of A is (2,2) and B is (9,11).

- 9.4
- 11.4
- 13.4
- 15.4



Let us assume that a student is chosen from a random sample of 80 students, out of which 30 have opted for Maths, 20 opted for Physics, and 10 have opted for both Maths and Physics. Find the probability that the student opted for either Maths or Physics.

- 1/2
- 1 1/2
- 2 1/2
- 3 1/2

Which of the following is true about the sampling error?

- It decreases as sample size increases
- It does not depend on population size under study
- It cannot be reduced by an appropriate sampling plan
- It cannot be measured and controlled in probability sample survey

Which of the following is a method used for collecting secondary data?

- Experiments
- Personal Interview
- Questionnaire
- Government Publications

Let us assume set A = {1,2,3,4}, set B = {3,4,5,6,7}. What is the symmetric difference of set A and set B?

{1,2,3,4,5,6,7}

{5,6,7}

{1,2,3,4}

{1,2,5,6,7}

5 of 16

A	B	$A \Delta B$	100
$A \cap B$	$A \cup B$	$100 - 100$	100
$A \cup B$	$A \cap B$	$100 - 100$	100
$A \cap B$	$A \cup B$	$100 - 100$	100
140	60	N = 200	

37) In a town the number of men is 151,781,326 and the number of women is 156,964,212. Which one of the options given below represent the demographic sex ratio correctly?

- A) 97.6
- B) 96.7
- C) 98.2
- D) 95.3

~~156,964,212~~
~~151,781,326~~

38) A car manufacturing company is having a demand of 100 cars in the month of September, 200 cars in the month of October, 300 cars in the month of November and 400 in the month of December. Which one of the given options represent a 3-month moving average for the month of January?

- A) 300
- B) 350
- C) 400
- D) 450

~~100 + 200 + 300~~ 300
~~300 + 400 + 200~~ 300
3

39) One of the options given below represents a state with the highest negative decadal population growth based on the census data of India 2011. Which of the options is correct?

- A) Kerala
- B) Goa
- C) Nagaland
- D) Tamil Nadu

40) If N = 200, which of the options match the ultimate class frequencies, given that there are two independent attributes A = 100, B = 140?

- A) 60
- B) 70
- C) 80
- D) 90

27 27
41

$$\frac{100}{200} + \frac{140}{200} = 1$$

$$\frac{(9-2)^2 + (11-2)^2}{200} = 81$$

~~100~~

140
140
156
156
156
156
156
156

81
81
81

Section 3 – General Economics

41) Prime Minister Narendra Modi launched which among the following campaigns with an objective to incentivize States to devolve 3Fs (functions, funds and functionaries) to panchayats?

- A) Rashtriya Gram Swaraj Yojana
- B) Deendayal Antyodaya Yojana
- C) Rashtriya Swasthya Bima Yojana
- D) Pradhan Mantri Gram Sadak Yojana

42) The Gram Panchayats have been mandated for the preparation of Gram Panchayat Development Plans (GPDP). The People's Plan Campaign for preparing GPDP for 2020-21 was initiated under

- A) Sabki Yojna Sabka Vikas
- B) Pradhan Mantri Kaushal Vikas Yojana
- C) Pradhan Mantri Adharsh Gram Yojana
- D) Mission Indradhanush

43) Which one of the following options represent already spent expenses by a firm but the same are not recorded in the account books?

- A) Sunk Costs
- B) Uncontrollable Costs
- C) Implicit Cost
- D) Explicit Cost

44) From the following options, identify the reason, best suited why underdeveloped countries make a fiscal policy?

- A) Reduce labor taxes, especially at low income levels.
- B) Accelerate the rate of capital formation and investment.
- C) Provide well-designed tax incentives that reduce the cost of capital.
- D) Increase the potential output as a major advanced and emerging market economies.

45) In the law of variable proportion, the second stage of production ends when

- A) The Total Production rises at an increasing rate
- B) The Total Production rises at a diminishing rate
- C) The Total Production starts decreasing
- D) The Total Production is maximum possible

46) When two goods are perfectly complementary, the indifference curve

- A) intersects each other
- B) is L shaped
- C) is a straight line
- D) is concave at the origin

47) Which of the following is example of variable cost?

- i. Rent
- ii. Utility cost
- iii. Employee salaries

- A) Only i
- B) Only ii
- C) Both i and ii
- D) Both ii and iii

48) Which of the following options points to a demand for one product as a consequence of demand for a parent product?

- A) Company Demand
- B) Composite Demand
- C) Short-term Demand
- D) Derived Demand

49) The Cost Inflation Index is mainly used to compute:

- A) Business income
- B) Long term capital gain
- C) Short term capital gain
- D) Income from other sources

50) When a commodity is sold at a lower price in "Foreign markets" and at a higher price in "Domestic markets" the strategy is known as

- A) Price Ceiling
- B) Dumping
- C) Multi Plant Monopoly
- D) Peak Load Pricing

Section 4 – Knowledge of Computer Application

51) Convert the below Decimal value to its equivalent in

Binary:

12

- A) 1100

- B) 1101

- C) 1110

- D) 1111

52) Which one of the following is NOT an open source operating system?

- A) Windows

- B) FreeBSD

- C) Android

- D) Linux

53) Which of the following is an Input device of the computer?

- A) Projector

- B) Plotter

- C) Printer

- D) Barcode scanner

54) Which one of the following is a shortcut key to start a slide show from the beginning in MS PowerPoint?

- A) F5

- B) F3

- C) F6

- D) F8

55) Which one of the following is called as primary memory of a computer?

- A) RAM

- B) External Hard disk

- C) Pen Drive

- D) CDDVD Drive

56) What does "WWW" stand for?

- A) Wide World Web

- B) World Wide Webmaster

- C) World Wide Web

- D) Wide Web World

57) Supercomputers are used in which of the following areas?

- A) Weather forecasting.

- B) Quantum mechanics

- C) Oil and gas exploration

- D) Only i

- E) i and ii

- F) ii and iii

- G) i, ii and iii

- H) None of the above

58) Which among the following is NOT an anti-virus software?

- A) Norton

- B) McAfee

- C) AVG

- D) Trojan Horse

59) What is FTP in data communications?

- A) File Transport Provider

- B) File Transfer Protocol

- C) File Tracing Process

- D) File Transfer Programming

60) Which among the following is the input device specifically for checking the answer sheets examination having multiple choice questions?

- A) Bar Code Readers

- B) Optical Character Reader

- C) Magnetic Ink Card Reader

- D) Optical Mark Reader

61) What does "HTTP" stand for?

- A) Hypertext twisted pair

- B) Hypertext transfer protocol

- C) Hyperlink transfer placard

- D) Hyperlink transfer protocol

62) Which one among the following MS Excel functions is used to remove extra spaces from a cell/string?

- A) LEN
- B) TRIM
- C) REPLACE
- D) SPACE

63) A program or piece of code that is loaded onto your computer without your knowledge and runs against your wishes is called as _____.

- A) Software
- B) Anti-Virus
- C) Hardware
- D) Computer Virus

64) What does IMAP stand for with respect to emailing?

- A) Intranet Message Access Protocol
- B) Intranet Message Access Path
- C) Intranet Mail Access Protocol
- D) Internet Message Access Protocol

65) SSD is a new generation of storage device used in computers. What does SSD stand for?

- A) Solid-State Drive
- B) Storage-State Drive
- C) Solid-Storage Drive
- D) Simple-Storage Drive

66) BIOS is the program which helps to initialize the hardware during computer booting process. What is the full form of BIOS?

- A) Basic Input Output System
- B) Biased Intel Operating System
- C) Basic Input Operating System
- D) Basic Input Operating Server

67) What does ASCII stand for?

- A) American Standard Code For Information Interchange
- B) American Standard Code For International Information
- C) American Standard Computer For Integrated Information
- D) American Standard Computer For Inter nation Interface

68) Which one of the following software is an email-client?

- A) Microsoft Internet Explorer
- B) Windows 98
- C) Microsoft Power Point
- D) Microsoft Outlook

69) What is the function of CTRL + B in MS-Word?

- A) It converts the selected text to bold.
- B) The selected text appears in italics.
- C) It underlines the selected text.
- D) It changes the selected text color to blue.

70) Laser printing is an electrostatic digital printing process. What is the unit of printing speed in laser printer?

- A) Digits per second
- B) Digits per line
- C) Lines per page
- D) Pages per minute

71) Which of the following is the cheap, secure and easiest way of storing huge volume of digital data and can be accessed from anywhere by using internet?

- A) Store the data as physical record
- B) Store the data in cloud
- C) Store the data in external hard disks
- D) Store the data in local system

72) Which among the following is NOT a feature of Primary memory?

- A) It is accessed directly by the processor
- B) It is the fastest memory available
- C) Its contents are lost once power is switched off
- D) It is non-volatile

73) Which of the following is referred as a process of training a computer system to make accurate predictions when fed data?

- A) Machine Learning
- B) CPU Learning
- C) Bootstrapping
- D) Data Processing

74) Which one of the following statements is NOT true about Control Unit of a Computer?

- A) It transfers data to Arithmetic and Logic Unit
- B) It fetches results from memory to output devices
- C) It is a component of a SMPS
- D) It directs flow of data within CPU

75) What is the full form of VPN with respect to networking?

- A) Virtual Peer Network
- B) Virtual Private Network
- C) Virtual Public Network
- D) Virtually Protected Network

76) What is the full form of JPEG with respect to Image file formats?

- A) Joint Photo Experts Group
- B) Joint Photographic Experts Group
- C) Joint Photo Experts Graphics
- D) Joint Photo Efficient Group

77) Match the following:

GROUP A	GROUP B
1. Operating System	a. Google
2. Search Engine	b. Opera
3. Web Browser	c. Avast
4. Antivirus	d. Linux

- A) 1-c,2-b, 3-a,4-d
- B) 1-d,2-c,3-a,4-b
- C) 1-b,2-a,3-c,4-d
- D) 1-d,2-a,3-b,4-c

78) A spurious computer program that replicates itself at a swift pace is called _____.

- A) trojan horse
- B) bombs
- C) worms
- D) cracks

79) Which of the following is/are the main function(s) of Operating System?

- i) Manage the Processor and assign tasks which are to be performed.
- ii) Allocate memory and storage areas to the system and user programs and data.
- iii) Control, Co-ordinate various input and output devices.
- iv) Accessing world wide web without internet connectivity.

- A) i & ii Only
- B) i,ii & iii Only
- C) i,ii,iii & iv
- D) iii & iv Only

80) Which of the following is/are computer application(s)?

- i) Data processing
- ii) Business Transactions
- iii) Video conferencing
- A) Only i
- B) Only ii
- C) i and ii
- D) i, ii and iii

Jack
50,000

John / James

Section 5 - Accountancy and Book Keeping

81) John and James are partners sharing profits equally. Jack enters the partnership and contributes a Land whose Historical Cost is Rs. 50,000, Book Value is Rs. 25,000 and Current Market Value is Rs. 30,000. By what amount Jack's account should be increased?

- A) Rs. 50,000
- B) Rs. 30,000
- C) Rs. 25,000
- D) Rs. 1,05,000

82) What is the basis of allocation of Carriage inward cost among Pre and Post incorporation period?

- A) Time
- B) Sales
- C) Purchases
- D) Credit Sales

83) The Public Financial Management System (PFMS) was earlier known as

- A) Central Plan Schemes Monitoring System (CPSMS)
- B) Controller General of Accounts (CGA)
- C) Central Sector Scheme of Planning Commission
- D) Core Banking System (CBS)

84) Which account is generally used in single entry and incomplete records to obtain the amount of credit sales made during an accounting period?

- A) Accounts Payable Account
- B) Total Revenue Account
- C) Debtors Account
- D) Stock Account

85) Drawings account is classified under

- A) Real Account
- B) Personal Account
- C) Impersonal Account
- D) Nominal Account

86) What does a Nominal account having debit balance represent?

- A) Income/Gain
- B) Cash
- C) Asset
- D) Expenses/ Losses

87) Drawings must be deducted from

- A) Liability
- B) Gross Profit
- C) Capital
- D) Net Profit

88) Which of the following adjusting double entries is correct for prepaid expenses?

- A) Debit = Prepaid Expense, Credit = Expense
- B) Debit = Expense, Credit = Prepaid Expense
- C) Debit = Cash, Credit = Expense
- D) Debit = Prepaid Expense, Credit = Cash

89) What amount of additional Provision for Bad and Doubtful debts should be charged to current years P/L Account if the Closing balance of debtors is Rs. 1,00,000. Opening balance of Provision is Rs. 1,000 and the Provision is to be maintained at 5% of Debtor:

- A) Rs. 1,000
- B) Rs. 5,000
- C) Rs. 4,000
- D) Rs. 6,000

90) Statement of financial position produced from incomplete accounting record is commonly known as

- A) Balance sheet
- B) Statement of affairs
- C) Statement of financial operations
- D) Cash flow statement

91) Root cause for financial accounting is

- A) Social accounting
- B) Management accounting
- C) Human resource accounting
- D) Stewardship accounting

92) Wages paid for installation of a new machinery should be

- A) credited to the Machinery Account
- B) debited to the Machinery Account
- C) credited to the Wages Account
- D) debited to the Wages Account

OP - 1000

Cr - 1,00,000

L/A

93) Which Concept suggests the exclusion of human resource in Balance Sheet?

- A) Accrual Concept *C + Cr*
- B) Money Measurement Concept *V - mny*
- C) Going Concern Concept *G*
- D) Cost Concept *Cost*

94) Which of the following is excluded from the cost of stock?

- A) Carriage inward
- B) Import duties
- C) Purchases of Raw material
- D) Salary of Purchasing staff

95) A bank pass book is a copy of

- A) The cash column of a customer's cash book
- B) The bank column of a customer's cash book
- C) The customer's account in the bank's ledger
- D) The debtor's account in the bank's ledger

96) The credit balance of retained earnings statement represents

- A) Undistributed Profit
- B) Undisclosed Profit
- C) Distributed Profit
- D) Unearned Profit

97) Receipt Voucher is

- A) Record of purchase of raw material *C*
- B) Record of purchase of stationery *Cr Inv*
- C) Record of sale of machinery *Debit Inv*
- D) Record of receipt of cash and bank

98) "The liability of at least one partner is unlimited whereas the liability of other partners is limited" what type of partnership is represented here?

- A) Partnership at will
- B) Limited Partnership
- C) General Partnership
- D) Particular Partnership

99) Income tax paid on business income by a sole proprietor is

- A) debited to trading account
- B) debited to Profit and Loss account
- C) deducted from capital account in the balance sheet
- D) added to capital account in the balance sheet

100) The biggest strength of PFMS is its integration with the

- A) Core defense system in the country
- B) Core insurance sector in the country
- C) Core social security sector in the country
- D) Core banking system in the country

101) What is the first step of a financial audit?

- A) Planning the audit
- B) Interviewing the company's managers to find out what they want the auditors to say in the final report
- C) Determining the scope, or boundaries, of the audit
- D) Conducting surprise cash counts on any point-of-sale registers

102) Nominal Account is classified under

- A) Impersonal Account *Debt all*
- B) Real Account *Cred all*
- C) Personal Account
- D) Representative Personal Account

103) A cheque is received from customer and the same is deposited in bank for collection. If it is finally returned dishonored then it will result into

- A) customer's account being credited
- B) customer's account being debited
- C) no change in customer's account
- D) no change in bank account

104) How do we adjust Direct Deposits by the customers to ascertain the balance as per Pass book, if the starting point of BRS is Balance as per Cash book?

- A) Added
- B) Subtracted
- C) Adjusted
- D) Not adjusted

105) The balance remaining after deducting gross profit from sales is called

- A) Cost of Goods Sold = Sale of g.p
- B) Net Sales
- C) Gross Sales
- D) Liabilities

106) Depreciation is a

- A) Cash operating expenditure
- B) Non cash operating expenditure
- C) Cash non operating expenditure
- D) Non cash non operating expenditure

107) Goods given as charity should be

- A) Credited to Purchases account
- B) Debited to Purchases account
- C) Not recorded in Purchases account
- D) Credited to Sales account

108) At the end of financial year 2015-16, the ledger of a firm shows the following balances to prepare a balance sheet.

1. Capital - Rs. 4,00,000/-
2. Net profit for the year 2015-16 - Rs. 3,00,000/-
3. Accrued Income - Rs. 1,00,000/-
4. Provision for taxes - Rs. 75,000/-
5. Cash and Bank account - Rs. 1,25,000/-
6. Investments - Rs. 2,00,000/-
7. Liabilities - Rs. 80,000/-
8. Fixed assets - Rs. 4,30,000/-

What will be the total of the Balance Sheet?

- A) Rs. 5,55,000
- B) Rs. 7,80,000
- C) Rs. 8,55,000
- D) Rs. 9,55,000

109) A firm has omitted to record provision for bad and doubtful debts. How will it impact the financial statement:

- A) Net Profit would decrease
- B) Net Profit would Increase
- C) Gross Profit would be overstated
- D) Gross Profit would be understated

110) Which one out of the following best explains double entry system?

- A) Purchase increases debit; income decreases credit
- B) Expense increases debit; income decreases credit
- C) Receiver is debit; Giver is credit
- D) Receiver is credit; Giver is debit

1
2
3
4
5

l
l
A/c

l	l	l
4,00,000	3,00,000	4,00,000
1,00,000		1,00,000
1,25,000		1,25,000
2,00,000		2,00,000
75,000		75,000
80,000		80,000
4,30,000		4,30,000
		5,55,000

80
75
155
655
555
555
555

Section 6 - Science

111) An amazing fact about firefighter's uniform is that it can withstand up to 2200°F and protects a person from concentrated acids and alkali absorption. Hence it is important to choose the right fire extinguisher to put out fires. Which one of the following gases is used to extinguish fire?

- A) Hydrogen
- B) Butane
- C) Methane
- D) Carbon dioxide

112) Vector-borne diseases account for more than 17% of all infectious diseases, causing more than 700000 deaths annually. Which of the following diseases is NOT vector borne?

- A) Dengue ✓
- B) Chikungunya
- C) Filariasis
- D) Cholera

113) Earthing wire is used in AC power circuit wiring for protective grounding. Which colour insulation is done over it as per BIS code?

- A) Green and Yellow
- B) Blue and Brown
- C) Black and Red
- D) White and Gray

114) Which one of the following substances is used in cold countries to melt ice accumulated on the roads during winter?

- A) Salt ✓
- B) Urea
- C) Sand
- D) Oil

115) Identify the versatile organ from the facts given below:

- (i) It is the largest organ in human body.
- (ii) It is sensor packed with nerves for keeping the brain in touch with the outside world.
- (iii) It manufactures vitamin D for converting calcium into healthy bones.

(iv) It is the body's largest waste removal system.

- ✓ A) The Skin
- B) The Liver
- C) The Intestines
- D) The Heart

116) Match the following "Names of the Electro Magnetic Waves" given in List-I with the "Technological Applications" given in List-II.

List-I	List-II
Names of Electromagnetic Waves	Technological Applications
a. Radio Waves	1. Sterilize Medical Equipments
b. Gamma Rays	2. Photosynthesis
c. X-Rays	3. Navigation and Air Traffic Control
d. Microwaves	4. Airport Scanner

A) a-1; b-2; c-3 ✗

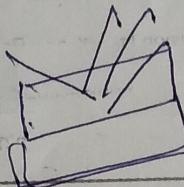
B) a-3; b-1; c-4

C) a-2; b-4; c-1

D) a-4; b-2; c-3 ✗

117) Chandan wants to design a solar furnace that will focus sunlight at one spot to boil water. Which of the following should Chandan use to collect large amount of solar energy?

- A) Concave mirror
- B) Convex mirror
- C) Plane mirror
- D) Biconvex lenses



118) In humans, there are 13 vitamins which are essential for healthy living. Bleeding of gums and delayed healing of wounds is a deficiency of which of the following Vitamins?

- A) Vitamin A
- B) Vitamin B
- ✓ C) Vitamin C
- D) Vitamin D

119) Elements are generally available in the earth's crust. Which of the following is a man-made element that is not available naturally in the earth's crust?

- A) Uranium
- B) Thorium
- C) Nobelium
- D) Molybdenum

120) Have you ever wondered, trucks carrying heavy loads have more than four tyres! This is because more tyres increase the area of contact with the road and this results in reduced pressure on the tyres. Pressure plays an important role in our daily life. Which one of the following is NOT a unit of pressure?

- A) Pascal (Pa)
- B) Bar (b)
- C) Torr (mmHg)
- D) Newton (N)