

1. First irrigation to the wheat crop should be given at:
 (a) CRI stage (b) Tillering stage (c) Jointing stage (d) Dough stage
2. Name the herbicide to control weeds in pulse crops:
 (a) Lasso (b) Machete (c) DDT (d) BHC
3. Sulphosulfron is a:
 (a) Weedicide (b) Fungicide (c) Insecticide (d) Herbigation
4. Chick pea, black gram and green gram are classified as :
 (a) Cereals (b) Oilseeds (c) Pulses (d) Vegetables
5. Which vegetable crop occupies maximum area in Punjab?
 (a) Potato (b) Peas (c) Tomato (d) Muskmelon
6. Among the following elements which is not a micro-nutrient ?
 (a) Iron (b) Manganese (c) Calcium (d) Boron
7. Which one of the following is categorized as Millet ?
 (a) Wheat (b) Rice (c) Sorghum (d) Maize
8. Select the INCORRECT statement:
 (a) Kharif season begins with the onset of monsoons and the crops are harvested in winter.
 (b) Rabi season begins in autumn after the rain and the crops are harvested in late spring.
 (c) Kharif season begins with the onset of monsoons and the crops are harvested in late spring.
 (d) Important kharif crops are rice, millet, maize, jute and cotton; important rabi crops are wheat, gram, barley and linseed.
9. With which of the following crops, "Green Revolution" has been associated ?
 (a) Rice and Wheat (b) Maize and Sugarcane
 (c) Bajra and Rice (d) All of these
10. In India, which cropping system is followed in maximum area ?
 (a) Rice-rice (b) Wheat-maize (c) Rice-wheat (d) Rice-gram
11. Where is the Sikh Heritage Complex located ?
 (a) Mansa (b) Amritsar (c) Ropar (d) Anandpur Sahib

12. The first Sufi poet of Punjab who adopted the popular measure of Kafi to express his mystic ideas was:

- (a) Bulleh Shah (b) Hussain (c) Warris Shah (d) Mian Mir

13. Which belt or region of Punjab does come under the Ravi and the Beas rivers ?

- (a) Majha (b) Malwa (c) Doaba (d) Pothohar

14. Who, among the following was associated with the art of pottery ?

- (a) G.S. Thakur Singh (b) Gurcharan Singh
(c) Manjit Bawa (d) Kirpal Singh

15. Which of the following Battles was fought in the pre Khalsa period of Guru Gobind Singh's life?

- (a) Battle of Chamkaur (b) Battle of Muktsar
(c) Battle of Bhangani (d) First Battle of Anandpur

16. A public meeting was held on April 13, 1919 at Jallianwala Bagh to :

- (a) protest against the arrest of popular leaders
(b) protest against the Rowlatt Act
(c) demand Swaraj
(d) protest against the arrest of Mahatma Gandhi

17. Which of the following is NOT a folk song of Punjab ?

- (a) Mahia (b) Shuag (c) Ludi (d) Tappey

18. Who, among the following authors, wrote his own obituary before his death ?

- (a) I.C. Nanda (b) Khushwant Singh
(c) Kartar Singh Duggal (d) Mulk Raj Anand

19. What is the old name of Punjab ?

- (a) Sapta Sindhu (b) Sapta Rishi (c) Sapta-Aab (d) Panj-Aab

20. Which of the following Sikh Guru strictly prohibited Sati and Purdah system ?

- (a) Guru Angad Dev ji (b) Guru Amardar ji
(c) Guru Nanak Dev ji (d) Guru Ramdas ji

21. Swadeshi Movement started in India during :

- (a) The Champaran Satyagrah of Gandhi (b) Anti-Bengal Partition agitation
(c) The protest against Rowlatt Act (d) The first co-operation movement of 1919-22

22. With reference to Covid, what are 'Kappa' and 'Delta'?
- (a) New Measure of Covid spread rate (b) New Labels for Covid variants
(c) New category in Covid positivity rate (d) New Global vaccine initiatives
23. Which of the following rights was considered the "Heart and Soul" of the Indian Constitution by Dr. B. R. Ambedkar ?
- (a) Freedom of Speech (b) Right to Equality
(c) Right to Freedom of Religion (d) Right to Constitutional Remedies
24. The process of transferring funds from one budget head to another of the same department (where there is a need for more expenditure) is called:
- (a) Transfer (b) Re-allocation
(c) Re-appropriation (d) sectoral allocation
25. Parliament can legislate on matters listed in the State list :
- (a) With the prior permission of the President
(b) Only after the constitution is amended suitably
(c) In case of inconsistency among State legislatures
(d) At the request of two or more States
26. With reference to the Indian freedom struggle, which one of the following is the correct chronological order of the given events ?
- (a) Partition of Bengal - Lucknow Pact - Surat split of congress
(b) Partition of Bengal - Surat split of Congress - Lucknow Pact
(c) Surat split of Congress- Partition of Bengal -Lucknow Pact
(d) Surat split of Congress -Lucknow Pact - Partition of Bengal
27. Ultraviolet radiations from sunlight cause a reaction producing:
- (a) carbon monoxide (b) ozone
(c) fluorides (d) sulphur dioxide
28. Till what age of a child can a woman prisoner keep her child, with her in the prison ?
- (a) upto 5 years (b) upto 6 years (c) upto 9 years (d) upto 11 years
29. The power of Supreme Court to decide the dispute between the centre and the states falls under
- (a) Advisory Jurisdiction (b) Appellate Jurisdiction
(c) Original Jurisdiction (d) Advisory and Appellate Jurisdiction
30. February 10, every year is observed as the:
- (a) World Population Day (b) World Literacy Day
(c) World Heart Day (d) World Pulses Day

31. 'Dheeyan Di Lohri' and 'BASERA' are the launched scheme of which Indian state ?

- (a) Rajasthan (b) Punjab (c) Uttar Pradesh (d) Bihar

32. What was the theme of the 'National Doctors' Day 2021'?

- (a) Allopathy for Covid-19 (b) Save the Saviours
(c) Allopathy and Immunity (d) Allopathy amidst Pandemic

33. Which Indian bank has launched mobile banking application for customers of all banks, named 'iMobile Pay' ?

- (a) Yes Bank (b) ICICI Bank (c) HDFC Bank (d) Axis Bank

34. "Blue Revolution" is related to which field :

- (a) milk production (b) wheat production
(c) pulses production (d) aqua culture

35. What is the main component of bones and teeth ?

- (a) Calcium Phosphate (b) Calcium Carbonate
(c) Calcium Nitrate (d) Calcium Sulphate

36. Which Bollywood personality is the brand ambassador for Government of India (GoI)'s road safety awareness campaign ?

- (a) Akshay Kumar (b) Amitabh Bachchan
(c) Anushka Sharma (d) Deepika Padukone

37. Who is the first skipper of the world to clinch all three major ICC trophies- ICC T20 World Cup, ICC World Cup and the Champions Trophy as a skipper ?

- (a) Mahendra Singh Dhoni (b) Kumar Sangakkara
(c) Sourav Ganguly (d) Jack Kallis

38. Which state topped the "Urban Governance Index (UGI)-2020" ?

- (a) Punjab (b) Kerala (c) Odisha (d) Chhattisgarh

39. Which among the following cities in India, is not located in "Golden Quadrilateral Road Network" ?

- (a) Kolkata (b) Mumbai (c) New Delhi (d) Chandigarh

40. Which of the following is NOT correctly matched ?

- (a) Ravi Shankar – Sitarist (b) M.F. Hussain - Tabla
(c) R. K. Narayan – Novelist (d) Kaifi Azmi - Poet

41. Choose the correct alternative that can replace the question mark (?) in the given number series.

3, 15, ?, 63, 99, 143

- (a) 27 (b) 35 (c) 45 (d) 56

42. Choose the correct alternative for the missing terms in the alphabet series.

C, Z, F, X, I, V, L, T, O, ?, ?

- (a) O, P (b) P, Q (c) R, R (d) S, R

43. Choose the correct alternative from the given ones that will complete the number series.

7, 8, 18, 57, ?, 1165

- (a) 174 (b) 232 (c) 224 (d) 228

44. Taj Mahal is related to Love in the same way as Jallianwala Bagh is related to :

- (a) Amritsar (b) Martyrdom (c) War (d) deceive

45. If USPL is written as KMPT, then LJGC will be written as :

- (a) BDGK (b) CEHL (c) GHIJ (d) QSUW

46. Choose the pair in which the words are differently related.

- (a) Shovel : Mud (b) Pen: Pencil
(c) Screwdriver : Screw (d) Hammer : Nail

47. In a code language, SOLID is written as WPSLPIMFHA. What does the code-word ATEXXQIBVO refer to ?

- (a) WATER (b) WAGER (c) EAGER (d) WAFER

48. In a certain code language, 24685 is written as 33776. How is 35791 written in that code?

- (a) 44887 (b) 44882 (c) 46682 (d) 44682

49. Pointing towards a girl in the picture, Rita said, "She is the mother of Neha, whose father is my son". How is Rita related to the girl in the picture ?

- (a) Mother (b) Aunt (c) Cousin (d) None of these

50. Kailash walks 3 km to East and turns South and walks 4 km. Again, turns West and walks 6 km. How far is he from the starting point ?

- (a) 7 km (b) 5 km (c) 6 km (d) 3 km

51. Which of the following diagram indicates the best relation between India, Haryana and World ?



52. How many permutations of two-digit numbers having 8 can be made from the following numbers ?

- (a) 9 (b) 10 (c) 11 (d) 12

53. Gogi is fifth from the left end and Pal is twelfth from the right end in a row of children. If Pal shifts by three places towards Gogi, he becomes tenth from the left end. How many children are there in the row ?

- (a) 21 (b) 22 (c) 23 (d) 24

54. If the 25th of August in a year is Thursday, the number of Mondays in that month are :

- (a) 3 (b) 4 (c) 5 (d) 6

55. In a garden, there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 meters and a distance of one metre is left from all sides of the boundary of the garden. The perimeter of the garden is:

- (a) 80 m (b) 84 m (c) 86 m (d) 88 m

56. If $78*3945$ is divisible by 11, where * is a digit, then * is equal to :

- (a) 0 (b) 1 (c) 3 (d) 5

57. The least number of square tiles required to pave the ceiling of a room 15 m 17 cm long and 9 m 2 cm broad is:

- (a) 656 (b) 738 (c) 814 (d) 902

58. A farmer divides his herd of cows among his four sons so that first son gets one-half of the herd, the second son gets one-fourth, the third son one-fifth and the fourth son 7 cows. The total number of cows in the herd is :

- (a) 100 (b) 140 (c) 180 (d) 240

59. If $x^4 + y^4 = 17$ and $x + y = 1$, then what is the value of $x^2y^2 - 2xy$?

- (a) 8 (b) 10 (c) 12 (d) 16

60. There are two numbers such that the sum of twice the first and thrice the second is 39, while the sum of thrice the first and twice the second is 36. The larger of the two is:

- (a) 6 (b) 8 (c) 9 (d) 12

61. The difference between the ages of two men is 10 years. 15 years ago, the elder one was twice as old as the younger one. The present age (in years) of the elder man is :
(a) 25 (b) 35 (c) 45 (d) 52

62. Rajan got 76% marks and Sonia got 480 marks in a test. The maximum marks of the test are equal to the marks obtained by Rajan and Sonia together. How many marks did Rajan score in the test ?
(a) 1450 (b) 1520 (c) 1540 (d) 2000

63. 85% of $420 + ?\%$ of $1080 = 735$, then ? is :
(a) 25 (b) 30 (c) 35 (d) 40

64. A watch is sold at a profit of 20%. If both the cost price and the selling price of the watch are decreased by ₹100, the profit would be 5% more. Original cost price of the watch is :
(a) ₹ 450 (b) ₹ 500 (c) ₹ 550 (d) ₹ 600

65. Study the question and the statements and decide which of the statement(s) is / are necessary to answer the question.

How much profit did Manik earn on the cost price of an article by selling it ?

I. He got 15% discount on the marked price at the time of purchase.

II. He sold it for ₹ 3060.

III. He earned 2% profit on the marked price

(a) I and II only (b) II and III only (c) I only (d) All, I, II, III

66. What number has to be added to the ratio of 3 : 5 to make the ratio 5 : 6 ?
(a) 8 (b) 7 (c) 12 (d) 13

67. ₹ 720 are divided among 2 men, 5 women and 8 boys so that the shares of a man, a woman and a boy are in the ratio of 3 : 2 : 1. How much does each boy get ?
(a) ₹ 24 (b) ₹ 30 (c) ₹ 45 (d) ₹ 72

68. A, B and C can complete a piece of work in 24, 5 and 12 days respectively. Working together, they will complete the same work in how many days ?

(a) $\frac{7}{24}$ (b) $3\frac{3}{7}$ (c) 4 (d) $3\frac{1}{13}$

69. If 3 men or 9 boys can finish a piece of work in 21 days, in how many days can 5 men and 6 boys together do the same piece of work (in days) ?

(a) 8 (b) 9 (c) 12 (d) 14

70. A monkey climbing up a pole ascends 6 metres per minute and slips 3 metres in alternate minutes. If the pole is 60 metres high, how long(in minutes) will it take the monkey to reach the top ?

- (a) 31 (b) 33 (c) 35 (d) 37

71. A train increases its normal speed by 12.5% and reaches its destination 20 minutes earlier. What is the actual time (in minutes) taken by the train with its normal speed for completing the journey?

- (a) 145 (b) 160 (c) 180 (d) 220

72. A man standing on a platform finds that a train takes 3 seconds to pass him and another train of the same length moving in the opposite direction takes 4 seconds. The time (in seconds) taken by the trains to pass each other will be:

- (a) $2\frac{3}{7}$ (b) $3\frac{3}{7}$ (c) $4\frac{3}{7}$ (d) $5\frac{3}{7}$

73. Train A passes a lamp post in 9 seconds and 700 meters long platform in 30 seconds. How much time (in seconds) will the same train take to cross a platform which is 800 meters long ?

- (a) 32 (b) 31 (c) 33 (d) 30

74. Consider the following statements :

If a sum of money is lent at simple interest, then the

I. money gets doubled in 5 years, if the rate of interest is $16\frac{2}{3}\%$

II. money gets doubled in 5 years, if the rate of interest is 20%

III. money becomes four times in 10 years, if it gets doubled in 5 years

Which of these statement(s) is/are correct ?

- (a) I and III (b) II alone (c) III alone (d) II and III

75. The interest earned on ₹ 4000 when invested in Scheme A for two years at 7% per annum simple interest is half of the interest earned when ₹ 'X' is invested for five years in the same scheme at the same rate of interest. What is the value of X ?

- (a) ₹ 2000 (b) ₹ 2800 (c) ₹ 3000 (d) ₹ 3200

76. A sum of ₹ 12000 deposited at compound interest becomes double after 5 years. After 20 years, it will become:

- (a) ₹ 96000 (b) ₹ 120000 (c) ₹ 124000 (d) ₹ 192000

77. The difference between compound interest and simple interest on a certain sum of money for 3 years at 5% per annum is ₹ 122. Find the sum invested.

- (a) ₹ 10000 (b) ₹ 12000 (c) ₹ 16000 (d) ₹ 20000

78. For a certain month, the dates of three of the Sundays are even numbers. Then, the 15th of the that month falls on a:

- (a) Thursday (b) Friday (c) Saturday (d) Sunday

79. On what dates of March 2005 did Friday fall ?

- (a) 4th, 11th, 18th, 25th (b) 5th, 12th, 19th, 26th
(c) 3rd, 10th, 17th, 24th (d) 6th, 13th, 20th, 27th

80. At what time between 4 and 5 o'clock will the hands of a watch point in opposite direction ?

- (a) 45 min. past 4 (b) 40 min. past 4
(c) $50\frac{4}{11}$ min. past 4 (d) $54\frac{6}{11}$ min. past 4

81. A watch is 1 minute slow at 1 p.m. on Tuesday and 2 minutes fast at 1 p.m. on Thursday. When did it show the correct time ?

- (a) 1.00 a.m. on Wednesday (b) 5.00 a.m. on Wednesday
(c) 1.00 p.m. on Wednesday (d) 5.00 p.m. on Wednesday

82. If the side of an equilateral triangle is decreased by 20%, its area is decreased by:

- (a) 36% (b) 40% (c) 60% (d) 64%

83. A circular grassy plot of land, 42 m in diameter, has a path 3.5 m wide running around it outside. The cost of gravelling the path at ₹ 4 per square metre is:

- (a) ₹ 1002 (b) ₹ 1802 (c) ₹ 2002 (d) ₹ 3002

84. A rectangular water tank is open at the top. Its capacity is 24m^3 . Its length and breadth are 4 m and 3 m respectively. Ignoring the thickness of the material used for building the tank, the total cost of painting the inner and outer surfaces of the tank at the rate of ₹ 10 per m^2 is :

- (a) ₹ 400 (b) ₹ 500 (c) ₹ 600 (d) ₹ 800

85. In a shower, 5 cm of rain falls. The volume of water that falls on 1.5 hectares of ground is:

- (a) 75 m^3 (b) 750 m^3 (c) 7500 m^3 (d) 75000 m^3

86. Find out which part of a sentence has an error and mark that part as an answer.

She $\frac{\text{is}}{(a)}$ one of those persons $\frac{\text{whom}}{(b)}$, I am sure, always $\frac{\text{do their best}}{(c)}$ even $\frac{\text{in the most trying circumstances.}}{(d)}$

87. Fill up the blank with suitable preposition given under the sentence.

His professional ability proves that he is cut _____ for this job.

- (a) out (b) up (c) down (d) in

88. Choose the correct meaning of the idiom given in bold in the sentence.

Ramu used very ugly words against his kind uncle, he **threw down the gauntlet** before him.

- (a) abused and insulted (b) threw the challenge
(c) behaved as an important person (d) put conditions

89. Select the most suitable alternative in accordance with the correct grammatical rules.

- (a) Our school had won the match if only we have concentrated.
(b) Our school would have won the match if only we would have concentrated
(c) Our school would have won the match if only we had concentrated
(d) Our school had won the match if only we would have concentrated.

90. Choose the expression from the given alternatives which is an improvement upon the bold part of the sentence.

Hoping not to be disturbed, I sat down in my easy chair to read the book **I won as a prize**.

- (a) I had to win as prize (b) I have won as prize
(c) I had won as a prize (d) No improvement

91. Choose the alternative which can be substituted for the given words in bold.

Too much official formality

- (a) Bureaucracy (b) Red tapism (c) Diplomacy (d) Autocracy

92. Choose the appropriate words from the given options to grammatically complete the following sentence.

It is indeed _____ that 40 years after independence, we have failed to _____ a suitable education or examination system.

- (a) bad, produce (b) poor, create
(c) sad, evolve (d) objectionable, present

93. Select the word which is closet to the opposite in meaning of the bold word given in the sentence.

He was charged with **abetting** the murder of an innocent child.

- (a) baffle (b) instigate (c) promote (d) support

94. Find the misspelt word from given words :

- (a) measurement (b) disagreement (c) concerned (d) controvarcial

95. Rearrange the parts P, Q, R and S to form meaningful Sentence.

He was so kind and generous that:

(P) he not only

(Q) made others do so

(R) but also

(S) helped the needy himself

(a) PSRQ (b) SPQR (c) PRSQ (d) QPRS

96. ਘਰ ਸਿਰਫ ਇੱਟਾਂ, ਲੱਕੜ, ਗਾਰੇ ਆਦਿ ਨਾਲ ਨਹੀਂ ਬਣਦੇ ਸਗੋਂ ਵਿਸ਼ਵਾਸ ਨਾਲ ਭਰੇ ਰਿਸ਼ਤੇ ਬਣਾਉਂਦੇ ਹਨ। ਵਾਕ ਵਿਚ ਕਿੰਨੇ ਨਾਂਵ ਆਏ ਹਨ?

(a) ਤਿੰਨ (b) ਚਾਰ (c) ਪੰਜ (d) ਛੇ

97. ਚੂੜੀਆਂ ਵੇਚਣ ਵਾਲੇ ਨੂੰ ਕੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ?

(a) ਅਨਪੜ੍ਹ (b) ਸੁਨਿਆਰਾ (c) ਵਣਜਾਰਾ (d) ਜਾਦੂਗਰ

98. ਹੇਠ ਲਿਖੇ ਮੁਹਾਵਰਿਆਂ ਦੇ ਅਰਥ ਦੇ ਆਧਾਰ ਤੇ ਸਹੀ ਚੋਣ ਕਰੋ।

ਬੇੜੀ ਲਿਆਕਤ ਵਾਲਾ?

(a) ਘੜੀ ਦਾ ਘੁੱਬਾ (b) ਗਊ ਦਾ ਜਾਇਆ (c) ਖੂਹ ਦਾ ਡੱਡੂ (d) ਚਾਰ ਅੱਖਰ

99. 'ਸਵਾਰਥ' ਦਾ ਸਮਾਨ ਅਰਥਕ ਸ਼ਬਦ ਹੈ:

(a) ਗਰਜ (b) ਸੰਗਮ (c) ਅਨੂਠਾ (d) ਬੇਮਤਲਬ

100. ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਸਮਾਨ ਅਰਥਕ ਸ਼ਬਦ ਨਹੀਂ ਹੈ?

(a) ਉਪਦਰ (b) ਇਨਸਾਨੀਅਤ (c) ਹੰਗਾਮਾ (d) ਦੰਗਾ

101. ਹੇਠ ਲਿਖੇ ਵਾਕਾਂ ਵਿੱਚੋਂ ਗਲਤ ਵਾਕ ਦੱਸੋ।

(a) ਕਾਸ਼! ਮੈਂ ਰਾਜਾ ਹੁੰਦਾ (b) ਮੈਂ ਪੜ੍ਹਦਾ ਹਾਂ ਐੱਸ.ਡੀ. ਕਾਲਜ ਵਿੱਚ।
(c) ਆਹ! ਅਸੀਂ ਮੈਚ ਜਿੱਤ ਲਿਆ। (d) ਸਹਿਜ ਪੱਕੇ ਸੇ ਮੀਠਾ ਹੋਏ।

102. 'ਪਾਸੇ ਮਾਰਨੇ' ਤੋਂ ਭਾਵ ਹੈ:

(a) ਉੱਲੂ ਬੋਲਣੇ (b) ਉੱਠੇ ਸਾਹ ਲੈਣੇ (c) ਉਸਲਵੱਟੇ ਭੰਨਣੇ (d) ਉਲਟੇ ਚਾਲੇ ਫੜਨੇ

103. ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਨਿਸ਼ਚੇਵਾਚਕ ਪੜਨਾਂਵ ਹੈ:

- (a) ਐਹ (b) ਆਪ (c) ਕੀ (d) ਖੁਦ

104. 'ਉਹ ਅੱਜ-ਕੱਲ੍ਹ ਹੀਰਿਆਂ ਦਾ ਵਪਾਰ ਕਰ ਰਿਹਾ ਹੈ'। ਵਾਕ ਵਿੱਚ ਸਹਾਇਕ ਕਿਰਿਆ ਹੈ:

- (a) ਹੀਰਿਆ ਦਾ ਵਪਾਰ (b) ਵਪਾਰ ਕਰ ਰਿਹਾ ਹੈ
(c) ਰਿਹਾ (d) ਹੈ

105. ਹੇਠ ਲਿਖੇ ਸ਼ਬਦ ਸਮੂਹਾਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਸ਼ਬਦ-ਜੋੜਾਂ ਪੱਖੇ ਸਹੀ ਹੈ

- (a) ਸੁਣਾਉਣਾ, ਕਢਾਈ, ਹੰਢਣਸਾਰ (b) ਸੁਣਾਉਣਾ, ਕਢਾਈ, ਹੰਡਣਸਾਰ
(c) ਸੁਣਾਉਣਾ, ਕਢਾਈ, ਹੰਢਣਸਾਰ (d) ਸੁਣਾਉਣਾ, ਕਢਾਈ, ਹੰਢਣਸਾਰ

106. The most frequently used instructions of a computer program are likely to be fetched from the:

- (a) Hard Disc (b) Cache memory (c) RAM (d) Registers

107. PARAM is an example of a:

- (a) Super Computer (b) PC (c) Laptop (d) PDA

108. Which of the following is the key function of a firewall ?

- (a) Monitoring (b) Deleting (c) Copying (d) Moving

109. Dvorak is used with reference to :

- (a) Printer (b) Monitor (c) Mouse (d) Keyboard

110. When you cut or copy information, it gets placed in the:

- (a) Clipart (b) Clipboard (c) Internet (d) Motherboard

111. Hard disk drives are considered _____ storage.

- (a) Flash (b) Non-volatile (c) Temporary (d) Volatile

112. Which type of memory holds the program to start up the computer ?

- (a) RAM (b) ROM (c) Cache (d) Static

113. To connect networks of similar protocols, _____ are used.

- (a) Routers (b) Bridges (c) Gateways (d) Dial-up routers

114. The clock rate of a processor is measured in :

- (a) milliseconds (b) microhertz (c) megabytes (d) gigabytes

115. Functions in MS Excel must begin with :

- (a) () (b) + (c) = (d) >

116. In MS-Word, for going to a specific location in a word document, we use :

- (a) Table of Contents (b) Hyper Text
(c) Bookmark (d) Macro

117. In MS-Word, which of the following is NOT an essential component to perform a mail merge operation ?

- (a) data source (b) main document (c) merge fields (d) word fields

118. Which of the following devices can be used to directly input printed text ?

- (a) OCR (b) OMR (c) MICR (d) Both (b) and (c)

119. All of the following are examples of real security and privacy risks EXCEPT:

- (a) Hackers (b) Spam (c) Viruses (d) Identity Theft

120. MICR stands for :

- (a) Magnetic Ink Character Reader (b) Magnetic Ink Cases Reader
(c) Magnetic Ink Code Reader (d) Manager Incharge Case Reader