Section - I (English)

1. Choose the correct term for "A place where animals are kept for public exhibition."
(a) Sanctuary
(b) Reserve
(c) Aquarium
(d) Zoo

2. Read the following paragraph and then answer the questions given below by choosing the most appropriate option based on what is said in the paragraph:
Technology and its Impact
Technology has become an integral part of our daily lives, shaping the way we work, communicate, and access information. With the rapid advancement of digital technologies, the world has witnessed a paradigm shift in various sectors. From healthcare to education, technology has played a pivotal role in transforming traditional practices. While it brings convenience and efficiency, there are concerns about its impact on privacy and the need for ethical considerations in its development.
How has technology impacted various sectors?
(a) Negatively
(b) Positively
(c) Indifferently
(d) Unpredictably

3. Read the following paragraph and then answer the questions given below by choosing the most appropriate option based on what is said in the paragraph:
Technology and its Impact
Technology has become an integral part of our daily lives, shaping the way we work, communicate, and access information. With the rapid advancement of digital technologies, the world has witnessed a paradigm shift in various sectors. From healthcare to education, technology has played a pivotal role in transforming traditional practices. While it brings convenience and efficiency, there are concerns about its impact on privacy and the need for ethical considerations in its development.
What phrase describes the speed of technological advancement?
(a) Gradual improvement
(b) Paradigm shift
(c) Consistent decline
(d) Traditional practices

4. Read the following paragraph and then answer the questions given below by choosing the most appropriate option based on what is said in the paragraph:
Technology and its Impact
Technology has become an integral part of our daily lives, shaping the way we work, communicate, and access information. With the rapid advancement of digital technologies, the world has witnessed a paradigm shift in various sectors. From healthcare to education, technology has played a pivotal role in transforming traditional practices. While it brings convenience and efficiency, there are concerns about its impact on privacy and the need for ethical considerations in its development.

What is a concern associated with technology mentioned in the paragraph?
(a) Lack of advancement
(b) Impact on health
(c) Ethical considerations
(d) Positive transformation

5. Identify the sentence in simple past tense.
(a) He will eat a sandwich tomorrow.
(b) He is eating a sandwich right now.
(c) He eats sandwich every day.
(d) He ate a sandwich for lunch.

6. What does the idiom "break the ice" mean?
(a) Start a conversation in a social setting
(b) Melt something frozen
(c) Break a glass
(d) Finish a task quickly

7. Select the word that means "extremely happy":
(a) Gloomy
(b) Ecstatic
(c) Somber
(d) Melancholic

8. Choose the option that best represents the antonym of the underlined word in the sentence.
The scientist conducted a painstaking experiment to prove her theory.
(a) laborious
(b) effortless
(c) challenging
(d) difficult

9. Choose the correct passive form:
"The teacher will teach the lesson."
(a) The lesson will teach by the teacher.
(b) The lesson will be taught by the teacher.
(c) The lesson is taught by the teacher.
(d) The lesson will be teaching by the teacher.

10. Choose the correct part of speech for the underlined word for the given sentence.
The students are studying for the exam.
(a) Verb
(b) Adjective
(c) Noun
(d) Adverb

11. Choose the synonym for "Debilitate":
(a) Invigorate
(b) Fortify
(c) Weaken
(d) Strengthen

12. The sentence "The news is reported by the media" can be rewritten in active voice as:
(a) The news reports the media.
(b) The media reports the news.
(c) The media are reported by the news.
(d) The news is being reported by the media.

13. What is the singular form of "sheep"?
(a) shoop
(b) sheeps
(c) sheep
(d) sheepes

14. Fill in the blank with the correctly spelled word:
They played a joke to _____ him.
(a) Embaras
(b) Embarass
(c) Embarras
(d) Embarrass

15. Choose the correct part of speech for the underlined word in the sentence.
He walked quickly to catch the bus.
(a) Pronoun   (b) Adverb
(c) Adjective   (d) Verb

16. Choose the correct question tag from the four options given, that completes the sentence logically and grammatically:
They will come on time, ___?
(a) do they   (b) won't they
(c) will they   (d) does they

17. What does the term "plentiful" mean?
(a) Scarce   (b) Abundant
(c) Less   (d) Limited

18. Arrange the following jumbled sentence into a coherent order:
A. Working   B. For
C. He   D. Enjoys
E. Hours   F. Several
(a) C-D-A-B-F-E   (b) C-D-F-E-A-B
(c) C-D-B-F-E-A   (d) A-B-F-E-C-D

19. Choose the correct punctuation for the following sentence:
"Does the train arrive at 5 pm"
(a) Period (.)   (b) Exclamation mark (!)
(c) Question mark (?)   (d) Colon (:)

20. Choose the correct option that completes the sentence logically and grammatically:
The teacher asked us ____ our homework on time.
(a) to do   (b) do
(c) doing   (d) did

21. Choose the correct past tense of "go":
(a) went   (b) going
(c) gone   (d) go

22. Choose the correct part of speech for the underlined word for the given sentence.
The painting displayed vibrant colors and intricate details.
(a) Adjective   (b) Adverb
(c) Noun   (d) Verb

23. Choose the correct option that completes the sentence logically and grammatically:
My sister and I enjoy watching movies, but ____ prefer comedies.
(a) her   (b) she
(c) hers   (d) ourselves

24. Select the appropriate option that represents the synonym of the given word:
Generic
(a) Definite   (b) Precise
(c) Universal   (d) Specific

25. Choose the correct article in English grammar, that completes the sentence:
Can you pass me ___ pen?
(a) a   (b) the
(c) an   (d) No Article Required

Section - II (Odia)

26. ଉପଯୁକ୍ତ ଶବ୍ଦ ବାଛି ଶୂନ୍ୟସ୍ଥାନ ପୂରଣ କର |
ଆଜିର ଦରବୃଦ୍ଧି ସମୟରେ କେହି _____ ନାହିଁ |
(a) କର୍ମଳ ରୁ ବାଳ ବାଛିବେ   (b) ଗୋଡ ଟାଣିବେ
(c) କଳାକନା ବୁଲାଇବେ   (d) ରଣ କରି ଘିଅ ଖାଇବେ

27. ହରିଣ ଚଞ୍ଚଳ ଦୌଡ଼ି ପାରେ | ଏଠାରେ ଚଞ୍ଚଳ କେଉଁ ବିଶେଷଣ ଅଟେ?
(a) ଗୁଣବାଚକ ବିଶେଷଣ   (b) ଅବସ୍ଥାବାଚକ ବିଶେଷଣ
(c) କ୍ରିୟା ବିଶେଷଣ   (d) ବିଧେୟ ବିଶେଷଣ

28. ଯେଉଁ ପଦ କୌଣସି ନିର୍ଦ୍ଦିଷ୍ଟ ନାମକୁ ନ ବୁଝାଇ ଅନେକଙ୍କର ସାଧାରଣ ନାମ କୁ ପ୍ରକାଶ କରିଥାଏ, ତାକୁ କେଉଁ ବିଶେଷ୍ୟ କୁହନ୍ତି?
(a) କ୍ରିୟା ବାଚକ ବିଶେଷ୍ୟ   (b) ଜାତିବାଚକ ବିଶେଷ୍ୟ
(c) ଗୁଣ ବାଚକ ବିଶେଷ୍ୟ   (d) ବସ୍ତୁ ବାଚକ ବିଶେଷ୍ୟ

29. ନିମ୍ନ ଲିଖିତ ମଧ୍ୟରୁ ସଂଯୁକ୍ତ ସ୍ୱର ବା ସନ୍ଧ୍ୟକ୍ଷର କେଉଁଟି?
(a) ଐ ଏ   (b) ଏ ଓ   (c) ଓ ଔ   (d) ଐ ଔ

30. ନ୍ ପରେ ଲ ଥିଲେ ନ୍ ସ୍ଥାନରେ କଣ ହୁଏ?
(a) ନ୍   (b) ଚନ୍ଦ୍ରବିନ୍ଦୁ ଓ ନ ର ଦ୍ୱିତ ହେବ
(c) ଲ   (d) ଚନ୍ଦ୍ରବିନ୍ଦୁ ଓ ଲ ର ଦ୍ୱିତ ହେବ

31. ସୁକୃତ ଶବ୍ଦର ବିପରୀତ ଶବ୍ଦ କଣ?
(a) ଦୁଷ୍କୃତ   (b) ଦୁଷ୍କୃତି   (c) ଦୁଷ୍କୃତୀ   (d) ଦୁସ୍କୃତି

32. ବିଶେଷ୍ୟ ଓ ସର୍ବନାମ ପଦକୁ ବିଶେଷିତ କରୁଥିବା ବିଶେଷଣ ପଦାକୁ କଣ କୁହାଯାଏ?
(a) କେଉଁଟି ନୁହେଁ   (b) ଭାବ ବିଶେଷଣ
(c) କ୍ରିୟାପଦ   (d) ନାମ ବିଶେଷଣ

33. ନିମ୍ନ ଲିଖିତ ପଦମାନଙ୍କ ମଧ୍ୟ ରୁ କେଉଁଟି 'ସୁନା' ର ପ୍ରତିଶବ୍ଦ ନୁହେଁ ?
(a) କନକ   (b) ହାଟକ   (c) କାଞ୍ଚନ   (d) ରତ୍ନ

34. ଶୁଷ୍କ ଶବ୍ଦ ର ବିପରୀତ ଶବ୍ଦ କଣ?
(a) ଆର୍ଦ୍ର   (b) ଓଦା   (c) ଦୁଷ୍କୃତ   (d) ଅଶୁଷ୍କ

35. ଭିକାରି ଭିକ ମାଗି ଆସିଛି | 'ମାଗି' କେଉଁ ପ୍ରକାର କ୍ରିୟା ?
(a) ଏକକ କ୍ରିୟା   (b) ସମାପିକା କ୍ରିୟା
(c) ଅସମାପିକା କ୍ରିୟା   (d) ମିଶ୍ର କ୍ରିୟା

36. ପ୍ରାଚୀନ ଶବ୍ଦର ବିପରୀତ ଶବ୍ଦ କଣ?
(a) ଅର୍ବାଚୀନ   (b) ଅବାଚୀନ
(c) ଅର୍ବାଚିନ   (d) ଅବାର୍ଚିନ

37. ଉପଯୁକ୍ତ ଶବ୍ଦ ବାଛି ଶୂନ୍ୟସ୍ଥାନ ପୂରଣ କର |
ରାମ ବାବୁ କଣ କଥା ଗୋପନ ରଖିବେ, ତାଙ୍କ ପୁଅ ପରା _____.
(a) ଉଡାଟଢେଇ   (b) ଅନ୍ଧର ଲାଉଡ଼ି
(c) ଢୋଲ ଭିତରେ ମୂଷା   (d) ଜପାମାଳି

38. ପ୍ରକ୍ଷେପଣ ର ଧାତୁ ଟି କିଏ?
(a) କ୍ଷିପ୍   (b) କ୍ଷେପଣ   (c) କ୍ଷେପ୍   (d) କ୍ଷିପ୍

39. ନିମ୍ନ ଲିଖିତ ମଧ୍ୟରୁ ଦୀର୍ଘ ସ୍ୱର କେଉଁଟି?
(a) ଏ ଐ   (b) ଆ ଇ   (c) ଓ ଔ   (d) ଆ ଈ

40. ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ ସହିତ ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ ର କିମ୍ବା ସ୍ୱର ବର୍ଣ୍ଣ ର ମିଳନ କୁ କଣ କୁହାଯାଏ?
   (a) ସ୍ୱର ସନ୍ଧି
   (b) ସମସ୍ତ
   (c) ବ୍ୟଞ୍ଜନ ସନ୍ଧି
   (d) ବିସର୍ଗ ସନ୍ଧି

41. 'କାନ୍ଦୁଛି ' କ୍ରିୟା ରୁ କାହାର ସୂଚନା ମିଳୁଛି?
   (a) ବଚନ
   (b) କାଳ
   (c) ପୁରୁଷ
   (d) ସମସ୍ତ

42. ଅବସ୍ଥାନର ଉପସର୍ଗ କିଏ?
   (a) ଅ
   (b) ବ
   (c) ଅବଂ
   (d) ଅବ

43. ନିର୍ଦ୍ଦିଷ୍ଟ ଗୁଣର ନାମ ବା ଅବସ୍ଥାକୁ ବୁଝାଉଥିବା ବିଶେଷ୍ୟ ପଦକୁ କଣ କୁହାଯାଏ?
   (a) ବସ୍ତୁ ବାଚକ ବିଶେଷ୍ୟ
   (b) ଗୁଣ ବାଚକ ବିଶେଷ୍ୟ
   (c) ଜାତିବାଚକ ବିଶେଷ୍ୟ
   (d) ନାମ ବାଚକ ବିଶେଷ୍ୟ

44. ନିମ୍ନ ଲିଖିତ ରୁଢ଼ି ଓ ତାର ଅର୍ଥ ଦିଆ ଯାଇଥିବା ଯୋଡ଼ି ମଧ୍ୟରୁ କେଉଁଟି ଠିକ୍?
   (a) ଖଣ୍ଡା ଧାର ରେ ଚାଲିବା - ଅତ୍ୟନ୍ତ ନିୟମାନୁବର୍ତ୍ତୀ ହେବା
   (b) ଗୋଡ ଟାଣିବା - ଅନ୍ୟକୁ ସାହାଯ୍ୟ କରିବା
   (c) ଗୋଡ଼ରୁ ପାଣି ମରିବା - ସମ୍ବଳ ସରିଯିବା
   (d) ଅଠା କାଠିରେ ପକାଇବା - ବନ୍ଦୀ କରିବା

45. କେଉଁ ଉପସର୍ଗ ଧାତୁର ପୂର୍ବ ରେ ବ୍ୟବହୃତ ହେବ ସହିତ ସ୍ୱତନ୍ତ୍ର ପଦ ରୂପେ ବାକ୍ୟ ରେ ବ୍ୟବହୃତ ହୁଅନ୍ତି?
   (a) ପରି
   (b) ପ୍ରତି
   (c) ଅତି
   (d) ସମସ୍ତ

46. ଅନ୍ୟ ବର୍ଣ୍ଣର ସାହାଯ୍ୟ ନ ନେଇ ଉଚ୍ଚାରିତ ହେଉଥିବା ବର୍ଣ୍ଣ ମାନଙ୍କୁ କଣ କୁହାଯାଏ?
   (a) ଉଷ୍ମ ବର୍ଣ୍ଣ
   (b) ଅନୁନାସିକ ବର୍ଣ୍ଣ
   (c) ସ୍ୱର ବର୍ଣ୍ଣ
   (d) ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ

47. ନିମ୍ନ ଲିଖିତ ରୁଢ଼ି ଓ ତାର ଅର୍ଥ ଦିଆ ଯାଇଥିବା ଯୋଡ଼ି ମଧ୍ୟରୁ କେଉଁ ଟି ଭୁଲ୍?
   (a) ଅମଡ଼ା ମାଡ଼ିବା - ଅବାଟରେ ଯିବା
   (b) ରଷି ଜଟା ଛିଣ୍ଡାଇ ମରିବା - ଅସମ୍ଭବ କୁ ସମ୍ଭବ କରିବା
   (c) ଘରେ ନପଶୁଣୁ ଚାଲ ବାଜିବା- କାମ ଆରମ୍ଭ କରିବା ପୂର୍ବରୁ ବାଧା
   (d) ଚକ ଗଡ଼ିଲେ ବାର ହାତ - ବାହାନା ଦେଖାଇ ଖସିଯିବା

48. ଗୋ। + ଇନ୍ଦ୍ର = _____ ଶୂନ୍ୟ ସ୍ଥାନ ରେ ଉପଯୁକ୍ତ ସନ୍ଧି ଶବ୍ଦଟି ଲେଖ |
   (a) ଗବନ୍ଧ
   (b) ଗବେନ୍ଦ୍ର
   (c) ଗବାନ୍ଦ୍ର
   (d) ଗବିନ୍ଦ୍ର

49. ନିମ୍ନ ଲିଖିତ ରୁଢ଼ି ଓ ତାର ଅର୍ଥ ଦିଆ ଯାଇଥିବା ଯୋଡ଼ି ମଧ୍ୟରୁ କେଉଁଟି ଭୁଲ୍?
   (a) କଂସାରି ଘରର ପାରା - ଅତ୍ୟନ୍ତ ଦକ୍ଷ
   (b) ଚକ୍ଷୁ କୁଟିବା - ବୃଥା ପରିଶ୍ରମ କରିବା
   (c) ଟିମିଟି ଖେଳରୁ ମହାଭାରତ - ଛୋଟ କଥାରୁ ବିରାଟ ଆକାର ଧାରଣ
   (d) ଛେନାରୁ ଚୋପା ଛଡ଼ାଇବେ - ସବୁ କଥାରୁ ତ୍ରୁଟି ବାଛିବା

50. ନିମ୍ନ ଲିଖିତ ପଦମାନଙ୍କ ମଧ୍ୟରୁ ଭିନ୍ନ ଶବ୍ଦଟିକୁ ବାଛ
   (a) ଅକ୍ଷି
   (b) ରକ୍ଷ
   (c) ଦନୁଜ
   (d) ଦୈତ୍ୟ

Section - III (Arithmetic)

51. Simplify: 10 - 2 × (3 + 1) =
   (a) 4
   (b) 2
   (c) 32
   (d) 25

52. Deepa is thrice as old as Divya. Four years ago her age was two times Divya's age. Find their present ages.
   (a) Deepa is 10 and Divya is 2
   (b) Deepa is 12 and Divya is 4
   (c) Deepa is 9 and Divya is 3
   (d) Deepa is 11 and Divya is 5

53. In a box, the ratio of Cushions to Pillow covers is 5:3. If there are 56 items in total, how many Cushions are there?
   (a) 35
   (b) 30
   (c) 27
   (d) 33

54. If a runner completes a race of 10 kilometers in 2 hours, what is their average speed?
   (a) 20 kmph
   (b) 15 kmph
   (c) 30 kmph
   (d) 5 kmph

55. If the principal amount is Rs.8000, the annual interest rate is 5%, and the interest is compounded annually, how much will the investment be worth after 4 years?
   (a) Rs. 9724.05
   (b) Rs. 9624.05
   (c) Rs. 9524.05
   (d) Rs. 9424.05

56. Simplify : $\frac{2}{3} \times \frac{4}{3} =$
   (a) $\frac{6}{12}$
   (b) $\frac{8}{3}$
   (c) $\frac{6}{3}$
   (d) $\frac{8}{9}$

57. If you randomly choose a month of the year, what is the probability that it is November?
   (a) $\frac{5}{6}$
   (b) $\frac{11}{12}$
   (c) 0
   (d) $\frac{1}{12}$

58. What percentage of 80 is 20?
   (a) 23%
   (b) 22%
   (c) 25%
   (d) 24%

59. In a class Out of 50 students, 30% are good at Math. What is the number of students who are good at Math?
   (a) 23
   (b) 15
   (c) 18
   (d) 20

60. A merchant buys 15 kgs of sunflower for Rs.75 per kg and sold it for Rs.1300. What is the loss or profit percentage made?(Approximate)
   (a) 15.56% Loss
   (b) 15.96% Profit
   (c) 15.56% Profit
   (d) 15.96% Loss

61. A can complete a task in 40 days, and B can complete the same task in 60 days. How long will they take together to finish it?
   (a) 40 days
   (b) 28 days
   (c) 14 days
   (d) 24 days

62. A shopkeeper bought 72 Spanner at Rs.500 per dozen and 96 Screwdriver at Rs. 800 per dozen. Then sells Spanner at 20% profit per dozen and Screwdriver at 30% loss per dozen. What is the combined selling price of both?
   (a) Rs.8180
   (b) Rs.8080
   (c) Rs.8240
   (d) Rs.8280

63. If the Simple Interest for 5 years is Rs. 3000 at 8% rate of interest. Find the compound interest for the same time : (Approximate)
   (a) Rs.3619.96
   (b) Rs.3419.96
   (c) Rs.3319.96
   (d) Rs.3519.96

64. Simplify : $\frac{1}{5} + \frac{1}{3} =$
   (a) $\frac{3}{5}$
   (b) $\frac{1}{8}$
   (c) $\frac{8}{15}$
   (d) $\frac{1}{4}$

65. A bag contains 5 black balls, 3 white balls and 2 green balls. If you draw a ball, what is the probability that it is white?
   (a) $\frac{1}{2}$
   (b) $\frac{2}{5}$
   (c) $\frac{3}{10}$
   (d) $\frac{1}{3}$

66. The average of eleven numbers is 112. If each number is divided by 4, what is the new average?
   (a) 1232
   (b) 308
   (c) 112
   (d) 28

67. A coffee making requires 2 cups of milk and 2 spoons of coffee powder. What is the ratio of milk to coffee powder if both the ingredients are increased by 4 times?
(a) 1:2   (b) 2:8   (c) 8:8   (d)   8:2

68. Karan completes 1/15 part of a certain job in 1 day. In how many, he will complete the full job.
(a) 40 days   (b) 12 days
(c) 15 days   (d) 11 days

69. Simplify : 2 – 3 (2 – 4) + 3 ÷ 2 =
(a) 2.5   (b) 9.5   (c) 0.5   (d)   -7.5

70. The average of eight numbers is 42. If three numbers are 58, 42 and 76, what is the average of the remaining five numbers?
(a) 32   (b) 20   (c) 42   (d)   33

71. What is the Highest Common Factor (HCF) of 24, 36 and 48?
(a) 6   (b) 12   (c) 9   (d)   4

72. What is the Least Common Multiple (LCM) of 20 and 25?
(a) 50   (b) 100   (c) 150   (d)   60

73. A car travels at a speed of 50km/h for the first 3 hours, then at a speed of 60km/h for the next 2 hours. What is the total distance travelled by the car?
(a) 270km   (b) 300km
(c) 250km   (d) 210km

74. If the cost price of an article is Rs.25 and the selling price is Rs.8, what is the loss percentage?
(a) 66%   (b) 54%   (c) 68%   (d)   52%

75. My brother is twice my age. After 2 years he would be 5 years older to me. What is my present age?
(a) 5 years   (b) 8 years
(c) 10 years   (d) 2 years

Section - IV (General Knowledge)

76. Who among the following wrote 'Anandamath'?
(a) Sarat Chandra Chattopadhyay
(b) Bibhutibhushan Bandopadhyay
(c) Bankim Chandra Chattopadhyay
(d) Satyajit Ray

77. Who were the first Europeans to enter in Odisha?
(a) English   (b) Portuguese
(c) Danish   (d) French

78. Article 14 of the Constitution of India deals with:
(a) Elections   (b) Right to Equality
(c) Uniform Civil Code   (d) Emergency

79. Who among the following was the first European to come to India through Sea route?
(a) Vasco Da Gama   (b) Marco Polo
(c) Niccolao Manucci   (d) Sir Thomas Roe

80. 2018 Asian Games was held in:
(a) Indonesia   (b) South Korea
(c) Japan   (d) China

81. Primary reason for Lunar Eclipse is:
(a) The sun comes between earth and moon
(b) Solar radiations emitted by sun
(c) The earth comes between moon and sun
(d) Moon comes between earth and sun

82. Which of the following state has the largest forest cover in India?
(a) Arunachal Pradesh   (b) Assam
(c) Kerala   (d) Madhya Pradesh

83. Which of the following Finance Minister has presented maximum number of budgets in India?
(a) Pranab Mukherjee   (b) C.D. Deshmukh
(c) Morarji Desai   (d) P. Chidambaram

84. Who among the following is the founder of the E-commerce company Flipkart?
(a) Sanjiv Saddy   (b) Sachin Bansal
(c) Vijay Linghwal   (d) Rishi Gour

85. What is the full form of SARS?
(a) Separate Acute Respiratory Syndrome
(b) Severe Acute Respiratory Symptom
(c) Severe Acute Respiratory Syndrome
(d) Systematic Acute Respiratory Syndrome

86. Which is known as the coal-capital of India?
(a) Asansol   (b) Ballari
(c) Raniganj   (d) Dhanbad

87. Who among the following is the recipient of the Jnanpith award?
(a) G. Sankara Kurup   (b) Rabindranath Tagore
(c) Ashapoorna Devi   (d) Umashankar Joshi

88. Which among the following planets in the solar system is farthest from the Sun?
(a) Saturn   (b) Jupiter
(c) Pluto   (d) Neptune

89. Siang Hydroelectric Project is situated in which of the following states?
(a) Assam   (b) Tripura
(c) Manipur   (d) Arunachal Pradesh

90. Big Bang theory explains which of the following?
(a) The Origin of Universe
(b) Origin of Red Star
(c) Laws of Investment
(d) Origin of Industrial Revolution

91. Which of the following is the last Five Year Plan of India?
(a) 13th Five Year Plan   (b) 11th Five Year Plan
(c) 12th Five Year Plan   (d) 14th five year plan

92. The Governor of the state is appointed by:
(a) The President   (b) People
(c) Vice President   (d) Judge

93. Who among the following used to give the final approval to the five year plans of India?
(a) Chairman of Planning Commission (now NITI Aayog)
(b) Prime Minister of India
(c) Ministry of Finance
(d) National Development Council

94. In which country is the Headquarters of the International Labour Organization (ILO) located?
(a) Switzerland   (b) France
(c) USA   (d) India

95. In which year the Insurance Regulatory and Development Authority(IRDA) was established?
(a) 1999   (b) 1949
(c) 1988   (d) 1935

96. Guru Nanak, the founder of Sikhism, was contemporary of which of the following Mughal kings?
(a) Babur (b) Aurangzeb
(c) Jahangir (d) Akbar

97. "Wildlife Week" is observed annually in the Month of:
(a) April (b) October
(c) March (d) December

98. Who is the current Chairman of National Human Rights Commission, India (as of Jan 2024)?
(a) Ved Prakash (b) Nasim Zaidi
(c) R.K Mathur (d) Arun Kumar Mishra

99. Who was the first Prime Minister of India?
(a) Dr. Rajendra Prasad (b) Mrs. Indira Gandhi
(c) Mahatma Gandhi (d) Jawaharlal Nehru

100. Which among the following is the highest peak of Odisha?
(a) Chandragiri (b) Deomali
(c) Mahendragiri (d) Malaygiri

Section - V (Computer Knowledge)

101. Who is the father of internet in the world?
(a) Markoni (b) Ray Tomlinson
(c) Charles Babbage (d) Vint Cerf

102. What does computer security terminology "phishing" mean?
(a) Searching for computer hardware by fishing
(b) Manipulative attempts to obtain sensitive information
(c) Encrypting computer data
(d) Organising files in a particular order.

103. If N devices are connected to each other in a bus topology, then the number of cables required to connect them is 1, known as _____ cable.
(a) Single (b) Secondary
(c) Backbone (d) Supporting

104. What is the maximum length a text field can be?
(a) 255 characters (b) 220 characters
(c) 120 characters (d) 265 characters

105. Which of the following are valid Minimum and Maximum zoom sizes in MS Office?
(a) 20, 500 (b) 10, 500
(c) 20, 250 (d) 10, 100

106. What role does a Content Management System (CMS) play on the intranet? Facilitate collaboration and
(a) content creation
(b) Control hardware resources
(c) Manage internet connectivity
(d) Secure external websites

107. Which of the following malicious program do not replicate automatically?
(a) Zombie (b) Virus
(c) Worm (d) Trojan Horse

108. Which one of the following is not the function of operating system?
(a) File Management (b) Processor Management
(c) Networking (d) Resource Management

109. MICR stands for :
(a) Magnetic Ink Character Recognition
(b) Magnetic Ink Character Reader
(c) Magnetic Ink Code Reader
(d) Magnetic Ink Cases Recognition

110. The default view in Excel is _____.
(a) Auto view (b) Normal view
(c) Work view (d) Roman view

111. Who is the inventor of ABC computer?
(a) Strafed Crip and Clifford E. Berry
(b) Charles Babbage and Clifford E. Berry
(c) John Vincent Atanasoff and strafed Crip
(d) John Vincent Atanasoff and Clifford E. Berry

112. The basic component of Second generation Computers was:
(a) Vacuum tubes
(b) Integrated Circuits
(c) Programming Knowledge
(d) Transistors

113. The Internet is a system of _____.
(a) Software bundles
(b) Web pages
(c) Interconnected networks
(d) Websites

114. What produces useful information out of data?
(a) Programming (b) Processing
(c) Scanner (d) Computer

115. WWW stands for World Wide Web. What does computer jargon WWWW stand for?
(a) World Wide Web Worm
(b) World Wide Worm Web
(c) World Wide Wildlife Worm
(d) World Wide Work Worm

116. The maximum size of an IPv4 datagram (including header) is _____ bytes.
(a) 56535 (b) 65535
(c) 65355 (d) 65553

117. Which of the following allows you to select more than one slide in a presentation?
(a) Alt + click each slide (b) Ctrl + click each slide
(c) Alt + drag each slide (d) Shift + drag each slide

118. "http://www. google.com/services/index.htm"From the above link, What is 'google.com'?
(a) Protocol (b) Web page
(c) Directory (d) Domain name

119. _____ is the weaknesses in a system that gives threats the opportunity to compromise assets.
(a) vulnerability (b) phishing
(c) spoof (d) threat

120. Which of the following displays the buttons for changing text style, alignment and size?
(a) Drawing toolbar (b) Status bar
(c) Standard toolbar (d) Formatting toolbar

121. What is the full form of USB?
(a) Universal Serial Bus (b) Universal System Bus
(c) Unidentified Serial Bus (d) Unified System Board

122. _____ allows LAN users to share computer programs and data.
(a) Print server   (b) Program server
(c) Communication server (d) File server

123. FORTRAN is:
(a) Formula Translation   (b) File Translation
(c) File Transfer   (d) Foreign Translation

124. The first computer mouse was developed by:
(a) Robert Zawaski   (b) Daniel Cougher
(c) William English   (d) Douglas Engelbart

125. What does an email client's "Inbox" serve as?
(a) Store sent emails
(b) Archive deleted emails
(c) Compose new emails
(d) Receive and store incoming emails

Section - VI (General Science)

126. Platelets play a crucial role in forming a blood clot. What is the main function of platelets in this process?
(a) They carry oxygen to the injured area to promote healing.
(b) They activate a cascade of proteins that convert fibrinogen into fibrin, a mesh-like clot.
(c) They directly seal the damaged blood vessel by forming a physical barrier.
(d) They release chemicals that attract more platelets to the site of injury.

127. Why is there a greater possibility of survival for heat tolerant microorganisms during a heat wave?
(a) Heat tolerance provides a survival advantage
(b) They reproduce more rapidly
(c) They don't reproduce
(d) They are not resistance to environment change

128. What is the formula used to calculate electrical power?
(a) Power = Voltage ÷ Current
(b) Power = Voltage × Resistance
(c) Power = Current × Voltage
(d) Power = Current ÷ Voltage

129. Why are the walls of arteries thick and elastic?
(a) To withstand high pressure of blood from the heart
(b) To allow one-directional blood flow
(c) To facilitate easy exchange of materials
(d) To avoid blood clots

130. What is the name of the metal that has the lowest melting point?
(a) Sulphur   (b) Mercury
(c) Oxygen   (d) Carbon

131. SI unit of electric charge is called_____
(a) Tesla   (b) Voltage
(c) Diaptre   (d) Coulomb

132. What is the overall reaction when a metal carbonate reacts with an acid?
(a) Metal carbonate + Acid → Salt + Carbon dioxide + Water
(b) Metal carbonate + Acid → Salt + Oxygen + Water
(c) Metal carbonate + Acid → Salt + Hydrogen + Water
(d) Metal carbonate + Acid → Salt + Water

133. A sample of arthropods will exhibit
(a) bilateral symmetry   (b) lateral symmetry
(c) radial symmetry   (d) asymmetry

134. Lactic Acid is present in
(a) Vinegar   (b) Orange
(c) Tea   (d) Curd

135. Which of the following is a male hormone?
(a) Oestrogen   (b) Progesterone
(c) Androgen   (d) Estrogen

136. Which enzyme is in charge for the digestion of proteins in the stomach?
(a) Trypsin   (b) Lipase
(c) Pepsin   (d) Amylase

137. What is Melting?
(a) A phase transition from liquid to gas
(b) A phase transition from liquid to solid
(c) A phase transition from solid to liquid
(d) A phase transition from solid to gas

138. What is the approximate speed of light in a vacuum?
(a) 3×10^8 km/s   (b) 3×10^6 m/s
(c) 3×10^8 m/s   (d) 3×10^5 km/s

139. How does the existence of a whip-like structure affect the process of cell division in unicellular organisms like Leishmania?
(a) It leads to budding
(b) It determines the plane of binary fission
(c) It promotes multiple fission
(d) It inhibits cell division

140. How do Chlorofluorocarbons impact the earth's atmosphere?
(a) Reduces rainfall
(b) Increases fall of sun rays on earth
(c) Reduces natural habitat
(d) Causes ozone depletion

141. The induced current in the coil will be _____ when the coil is moved perpendicular to the magnetic field.
(a) stopped   (b) same
(c) lowest   (d) highest

142. Which nerves are part of the peripheral nervous system?
(a) Spinal Cord   (b) Brain
(c) Cranial   (d) Chest

143. In the digestive tract, where does the majority of nutritional absorption take place?
(a) Small Intestine   (b) Esophagus
(c) Stomach   (d) Large Intestine

144. As per the five kingdom system of biological classification, a biologist would classify 'Euglenoids' under _____.
(a) Protista   (b) Fungi
(c) Animalia   (d) Plantae

145. Why is it importance to conduct environmental impact assessments in Natural Resources Management?
(a) To identify ways to maximize profits from resources
(b) To evaluate the potential environmental effects of resource projects
(c) To expedite the resource exploitation process
(d) To increase resource extraction rates

146. Non-metals are generally poor conductors of
  (a) Heat   (b) Rigidity
  (c) Shock   (d) Electricity

147. Rabbit is a primary consumer in a _____
  (a) Desert ecosystem   (b) Marine ecosystem
  (c) Grassland ecosystem   (d) Forest ecosystem

148. Geothermal Energy is a _____ source of energy.
  (a) Chemical   (b) Kinetic
  (c) Renewable   (d) Non-Renewable

149. Among the options given below, what is one disadvantage of building large dams ?
  (a) They are not durable enough
  (b) They generate too much electricity.
  (c) They are too expensive to maintain.
  (d) They can disrupt local ecosystems.

150. Which one of the following shows the correct relationship in terms of reactivity?
  (a) Al > Sn > Zn   (b) Zn > Sn > Al
  (c) Al > Zn > Sn   (d) Sn > Al > Zn

Solutions

1. (d): A zoo is a facility where animals are kept in enclosures for public display, education, and conservation purposes. The other terms do not refer to places specifically designed for exhibiting animals:
- Sanctuary: A protected area for animals, but not necessarily for public display.
- Reserve: A protected area for wildlife, often for preservation rather than public exhibition.
- Aquarium: A place where aquatic animals are kept, but it specifically refers to water-based species.

2. (b): The paragraph mentions that technology has played a pivotal role in transforming sectors like healthcare and education, leading to improvements and positive changes. Therefore, the correct answer is "positively." The other options (negatively, indifferently, and unpredictably) are not supported by the content of the paragraph.

3. (b): In the paragraph, it is stated that "the world has witnessed a paradigm shift in various sectors." A "paradigm shift" refers to a fundamental change or rapid transformation, which describes the speed of technological advancement. The other phrases (gradual improvement, consistent decline, and traditional practices) do not describe the speed of technology.

4. (c): The paragraph mentions concerns about the impact of technology on privacy and the need for ethical considerations in its development. The correct concern from the options is "ethical considerations." The other options, like lack of advancement and impact on health, are not directly addressed in the paragraph.

5. (d): The simple past tense is used to describe actions that were completed in the past. The sentence "He ate a sandwich for lunch" is in simple past tense because the verb "ate" indicates a past action. The other sentences are in different tenses:
- "He will eat a sandwich tomorrow" is in the future tense.
- "He is eating a sandwich right now" is in the present continuous tense.
- "He eats sandwich every day" is in the present simple tense.

6. (a): The idiom "break the ice" refers to making people feel more comfortable in a social setting by starting a conversation or activity. The other options do not fit the meaning of the phrase:
- "Melt something frozen" is a literal meaning, not figurative.
- "Break a glass" is unrelated.
- "Finish a task quickly" doesn't capture the essence of the idiom.

7. (b): "Ecstatic" means feeling or showing overwhelming joy or happiness. The other words:
- "Gloomy" means sad or melancholic.
- "Somber" means serious or melancholy.
- "Melancholic" means sorrowful or melancholic, not happy.

8. (b): "Painstaking" means requiring a lot of effort, carefulness, or attention to detail. The antonym is "effortless," which means done with little or no effort. The other options:
- "Laborious" means requiring a lot of effort, similar to "painstaking."
- "Challenging" and "difficult" are related in meaning but not direct opposites.

9. (b): In passive voice, the subject (the lesson) is the recipient of the action. The correct passive form is "The lesson will be taught by the teacher." The other options are incorrect:
- "The lesson will teach by the teacher" is grammatically incorrect.
- "The lesson is taught by the teacher" uses present tense.
- "The lesson will be teaching by the teacher" is incorrect.

10. (a): In the sentence, "studying" is an action that the students are performing, so it is a verb. The other options:
- Adjective describes a noun.
- Noun is a person, place, thing, or idea.

- Adverb modifies a verb, adjective, or another adverb.

11. (c): "Debilitate" means to make someone or something weaker or less effective. "Weaken" is the synonym, while the other options:
  - "Invigorate" means to give strength or energy, the opposite of debilitate.
  - "Fortify" means to strengthen.
  - "Strengthen" means to make stronger, which is the opposite of debilitate.

12. (b): In active voice, the subject (the media) performs the action (reports) on the object (the news). The other options are either incorrect or in passive voice.

13. (c): The word "sheep" is both singular and plural. There is no change in the form when referring to one or more sheep.

14. (d): The correct spelling is "embarrass," which means to cause someone to feel self-conscious or ashamed. The other spellings are incorrect.

15. (a): In the sentence "He walked quickly to catch the bus," the word "He" is a pronoun. Specifically, it is a personal pronoun used as the subject of the sentence. It refers to a male person whose identity is understood from the context.

16. (b): The correct question tag for a positive statement ("They will come on time") is a negative tag ("won't they").

17. (b): "Plentiful" means available in large quantities or abundant. The other options are antonyms of "plentiful."

18. (a): The correct order is "He enjoys working for several hours."

19. (c): The sentence is a question, so it should end with a question mark.

20. (a): "To do" is the correct infinitive form after "asked us."

21. (a): "Went" is the past tense of "go."

22. (a): "Vibrant" and "intricate" are adjectives that describe the nouns "colors" and "details."

23. (b): "She" is the correct subject pronoun to complete the sentence.

24. (c): "Generic" means general or universal, while the other options (definite, precise, specific) do not capture the meaning.

25. (a): "A" is an indefinite article used when referring to any pen, not a specific one.

26. (d): ରଣ କରି ଘିଅ ଖାଇବେ

27. (c): କ୍ରିୟା ବିଶେଷଣ - ଯେଉଁ ପଦ କ୍ରିୟା ପଦର ଗୁଣ, ଅବସ୍ଥା ପ୍ରକାଶ କରେ

28. (b): ଜାତିବାଚକ ବିଶେଷ୍ୟ

29. (d): ୌ ଓ

30. (d): ଚନ୍ଦ୍ରବିନ୍ଦୁ ଓ ଲ ର ଦ୍ୱିତ ହେବ

31. (a): ଦୁଷ୍କୃତ

32. (d): ବିଶେଷ୍ୟର ବିଶେଷଣ, ସର୍ବନାମର ବିଶେଷଣ, ପୂରଣ ବାଚକ ବିଶେଷଣ ନାମ ବିଶେଷଣର ଅନ୍ତର୍ଗତ |

33. (d): ସୁନା - ସ୍ୱର୍ଣ୍ଣ, କାଞ୍ଚନ, କନକ, ହେମ, ହାଟକ

34. (a): ଆର୍ଦ୍ର

35. (c): ଯେଉଁ କ୍ରିୟା ପଦ ଦ୍ୱାରା ବାକ୍ୟର ଅସମାପ୍ତି ଉପଲବ୍ଧ ହୁଏ

36. (a): ଅର୍ବାଚୀନ

37. (c): ଢୋଲ ଭିତରେ ମୂଷା

38. (d): କ୍ରିୟାର ମୂଳପିଣ୍ଡକୁ ଧାତୁ କୁହାଯାଏ

39. (b): ଆ ଇ

40. (c): ବ୍ୟଞ୍ଜନ ସନ୍ଧି

41. (d): ସେ କାନ୍ଦୁଛି |

ସେ - ତୃତୀୟ ପୁରୁଷ
  ସେ - ଏକ ବଚନ
  କାନ୍ଦୁଛି - ବର୍ତ୍ତମାନ କାଳ

42. (d): ଉପସର୍ଗ 20 ପ୍ରକାରର | ଧାତୁ ପୂର୍ବରୁ ବ୍ୟବହୃତ ହେଉଥିବାରୁ ଏହାକୁ ଉପସର୍ଗ କୁହାଯାଏ |

43. (b): ଗୁଣ ବାଚକ ବିଶେଷ୍ୟ

44. (a): ଖଣ୍ଡା ଧାର ରେ ଚାଲିବା - ଅତ୍ୟନ୍ତ ନିୟମାନୁବର୍ତ୍ତୀ ହେବା

45. (d): ସମସ୍ତ

46. (c): ସ୍ୱରବର୍ଣ୍ଣ

47. (b): ଠିକ ଉତ୍ତର - ଅତି ସହିଷ୍ଣୁ ଲୋକ ଅସହିଷ୍ଣୁ ହେବା

48. (b): ଗବେନ୍ଦ୍ର

49. (a): ଠିକ ଉତ୍ତର - ବହୁ ଭୟର ଅଭ୍ୟସ୍ତ ବ୍ୟକ୍ତି ସାମାନ୍ୟ ଭୟକୁ ଡରେ ନାହିଁ

50. (a): ଆଖି - ଅକ୍ଷି, ନେତ୍ର, ନୟନ, ଲୋଚନ ଅନ୍ୟଗୁଡ଼ିକ ରାକ୍ଷସର ପ୍ରତିଶବ୍ଦ |

51. (b):
- Solve parentheses first: $3 + 1 = 4$.
- Multiply next: $2 × 4 = 8$.
- Subtract: $10 – 8 = 2$.
- Correct answer: (b) 2.

52. (b): Let Divya's age = x, then Deepa's age = $3x$.
Four years ago:
$3x − 4 = 2(x – 4)$.
Solve:
$3x − 4 = 2x − 8 ⇒ x = 4$.
Divya = 4 years, Deepa = $3 × 4 = 12$ years.
Correct answer: (b) Deepa is 12 and Divya is 4.

53. (a): Cushions and Pillow Covers Ratio:
Total ratio = 5+3=8.
Cushions = $(5/8) × 56 = 35$.
Correct answer: (a) 35.

54. (d): Runner's Average Speed:
Speed = Distance ÷ Time = 10 km ÷ 2 hours = 5 km/h.
Correct answer: (d) 5 kmph.

55. (a): Compound Interest Calculation:
Formula: $A = P(1 + r/n)^{nt}$
$P = 8000, r = 5/100, n = 1, t = 4$
$A = 8000(1 + 0.05)^4 = 8000(1.21550625) ≈ 9724.05$.
Correct answer: (a) Rs. 9724.05.

56. (d): $2/3 × 4/3 = 8/9$

57. (d): Probability of November:
- Total months = 12. Favorable = 1 (November).
- Probability = 1/12.

58. (c): Percentage of 80 is 20:

- (20/80)×100=25%.
- Correct answer: (c) 25%

59. (b): Good at Math:
- 30% of 50
  = (30/100) × 50 = 15.
- Correct answer: (b) 15.

60. (c): Profit/Loss Percentage:
Cost = 15 × 75 = 1125 Selling price = 1300.
Profit 1300 – 1125 = 175.
Profit percentage = (175/1125) × 100 ≈ 15.56%.
Correct answer: (c) 15.56% Profit.

61. (d): A and B Working Together:
Combined rate = 1/40 + 1/60 = 3/120 + 2/120 = 5/120 = 1/24.
Total time = 24 days.
Correct answer: (d) 24 days.

62. (b): Combined Selling Price:
Spanners cost = 500 × 6 = 3000, Selling = 3000 × 1.2 = 3600.
Screwdrivers cost = 800 × 8 = 6400, Selling = 6400 × 0.7 = 4480.
Total = 3600 + 4480 = 8080.
Correct answer: (b) Rs. 8080.

63. (d):

64. (c): 8/15

65. (c): Total balls = 5 + 3 + 2 = 10, Favorable = 3
Probability = 3/10

66. (d): New Average:
- Original average = 112, divided by 4: 112/4 = 28.
- Correct answer: (d) 28.

67. (c): Milk to Coffee Powder Ratio:
- Original = 2:2=1:1, Increase by 4 times: 8:8=1:1.
- Correct answer: (c) 8:8.

68. (c): Karan's Job Completion:
- Time = 1÷(1/15)=15 days.
- Correct answer: (c) 15 days.

69. (b): Simplify Expression:
2 – 3 (2 – 4) + 3 ÷ 2
= 2 – 3 (-2) + 1.5 = 2 + 6 + 1.5
= 9.5
Correct answer: (b) 9.5

70. (a): Average of Remaining Five Numbers:
Total = 42 × 8 = 336
Sum of three numbers = 58 + 42 + 76 = 176
Remaining um

= 336 - 176 = 160
Average = 160 ÷ 5 = 32

71. (b): HCF of 24, 36, 48:
Factors:
$24 = 2^3 \times 3, 36$
$= 2^2 \times 3^2, 48 = 2^4 \times 3$.
HCF = $2^2 \times 3 = 12$.

72. (b): LCM of 20 and 25:
LCM = $2^2 \times 5^2 = 100$.

73. (a): Total Distance:
50 × 3 + 60 × 2 = 150 + 120
= 270km
Correct answer: (a) 270 km.

74. (c): Loss Percentage:
Cost = 25, Selling = 8.
Loss = 25-8 = 17, Percentage
= (17/25) × 100 = 68%.
Correct answer: (c) 68%.

75. (a): Present Age:
- Brother = 2x, You = x
- After 2 years: 2x+2 = x+2+5
- Solve: x=5, Brother = 10

76. (c): "Anandamath" is a Bengali novel written by Bankim Chandra Chattopadhyay. It is one of his most famous works and is considered an important piece of literature in Indian history, particularly because it inspired the Indian freedom movement. The novel's song "Vande Mataram" became a rallying cry for independence.

77. (b): The Portuguese were the first Europeans to establish trade relations with the Indian subcontinent, including Odisha, in the late 15th century. They were followed by the Dutch, English, and French, but the Portuguese were the pioneers.

78. (b): Article 14 of the Indian Constitution guarantees the "Right to Equality" to all citizens. It ensures that the state does not discriminate against any individual or group on the grounds of religion, race, caste, sex, or place of birth.

79. (a): Vasco Da Gama, a Portuguese explorer, was the first European to reach India by sea in 1498. His voyage from Portugal to India marked the beginning of the European colonization of Asia.

80. (a): The 18th edition of the Asian Games was held in 2018 in Jakarta and Palembang, Indonesia. The event took place from August 18 to September 2, 2018.

81. (c): A lunar eclipse occurs when the Earth passes directly between the Sun and the Moon, causing the Earth's shadow to fall on the Moon, blocking the Sun's light.

82. (d): Madhya Pradesh has the largest forest cover in India, followed by other states like Arunachal Pradesh and Chhattisgarh. Forests play a significant role in the state's economy and ecosystem.

83. (c): Morarji Desai, the Finance Minister of India, holds the record for presenting the most number of Union Budgets, with a total of 10 budgets.

84. (b): Sachin Bansal and Binny Bansal co-founded Flipkart in 2007. It is one of the largest e-commerce companies in India, known for revolutionizing online shopping in the country.

85. (c): SARS stands for Severe Acute Respiratory Syndrome, a viral respiratory illness caused by a coronavirus that first emerged in Asia in 2002-2003.

86. (d): Dhanbad, located in Jharkhand, is known as the coal capital of India due to its large coal mines and coal production industry. It is one of the largest coal mining centers in India.

87. (b): G. Sankara Kurup was the first recipient of the prestigious Jnanpith Award in 1965. He was a renowned Malayalam poet.
Ashapoorna Devi: A recipient of the Jnanpith Award in 1976 for her contribution to Bengali literature.
Umashankar Joshi: Received the Jnanpith Award in 1967 for his contribution to Gujarati literature.

88. (d): Neptune is the eighth and farthest planet from the Sun in our solar system. Pluto, although once considered the farthest, is now classified as a dwarf planet.

89. (d): The Siang Hydroelectric Project is located in the state of Arunachal Pradesh in India. It is being developed on the Siang River and aims to generate significant power for the region.

90. (a): The Big Bang theory is a scientific explanation for the origin of the universe. It suggests that the universe began as a singularity around 13.8 billion years ago and has been expanding ever since.

91. (c): The 12th Five Year Plan (2012-2017) was the last plan implemented by India. After it, the Planning Commission was replaced by the NITI Aayog, and a new planning framework was adopted.

92. (a): The Governor of an Indian state is appointed by the President of India under Article 155 of the Constitution.

93. (d): The final approval to India's Five Year Plans was given by the National Development Council, which included members from the Union and state governments, and was headed by the Prime Minister.

94. (a): The International Labour Organization (ILO) is headquartered in Geneva, Switzerland. It is a specialized agency of the United Nations focused on promoting social justice and fair labor standards.

95. (a): The Insurance Regulatory and Development Authority (IRDA) was established in 1999 to regulate and promote the insurance industry in India.

96. (a): Guru Nanak, the founder of Sikhism, was a contemporary of the Mughal Emperor Babur. Guru Nanak was born in 1469 and lived during Babur's reign.

97. (b): Wildlife Week is observed in India during the first week of October to raise awareness about the importance of preserving wildlife and their habitats.

98. (d): Arun Kumar Mishra is the current Chairman of the National Human Rights Commission (NHRC) of India, appointed in 2020.

99. (d): Jawaharlal Nehru was the first Prime Minister of India. He served as Prime Minister from 15 August 1947 until his death in 1964.

100. (b): Deomali is the highest peak in Odisha, located in the Koraput district. It stands at 1,672 meters above sea level.

101. (d): Vint Cerf, along with Bob Kahn, is often referred to as one of the "fathers of the Internet" for his contributions to the development of the TCP/IP protocols, which form the foundation of the modern Internet.

102. (b): Phishing is a cybercrime in which an attacker impersonates a legitimate organization or person to deceive individuals into divulging sensitive information, such as passwords, credit card details, or other personal data.

103. (c): In a bus topology, all devices are connected to a single central cable, known as the "backbone." Only one cable is needed to connect the devices in this configuration.

104. (a): In most databases, including relational databases like MySQL, the maximum length for a text field is 255 characters by default.

105. (b): In MS Office applications like Word, Excel, and PowerPoint, the zoom levels can be set from a minimum of 10% to a maximum of 500%.

106. (a): A CMS on an intranet allows for the management and creation of digital content, facilitating collaboration, content sharing, and document management within an organization.

107. (d): A Trojan Horse is a type of malicious software that deceives the user by appearing harmless but causes damage or steals information. Unlike viruses or worms, it does not replicate itself automatically.

108. (c): An operating system (OS) handles file management, resource management, and processor management, but networking is generally managed by networking software or protocols, not the OS itself.

109. (a): MICR is a technology used primarily in the banking industry to read and process checks. It uses magnetic ink to print characters that can be read by specialized machines.

110. (b): In Microsoft Excel, the default view for spreadsheets is "Normal view," which allows users to work with rows and columns in a typical grid layout.

111. (d): The Atanasoff-Berry Computer (ABC) was the first electronic digital computer, developed by John Vincent Atanasoff and Clifford E. Berry in the late 1930s and early 1940s.

112. (d): Second-generation computers (1950s-1960s) used transistors instead of vacuum tubes. This made the computers smaller, faster, and more reliable.

113. (c): The Internet is essentially a global network of interconnected computers that communicate with each other using standard protocols like TCP/IP.

114. (b): Processing refers to the manipulation and computation of raw data to transform it into useful information.

115. (a): "WWWW" is not a standard term in computing, but "World Wide Work Worm" is a fictional or playful term. The

proper acronym is "WWW" for World Wide Web.

116. (b): The maximum size of an IPv4 datagram is 65,535 bytes, including the header. This limit is determined by the 16-bit size of the total length field in the IPv4 header.

117. (b): In presentation software like Microsoft PowerPoint, you can select multiple slides by holding the "Ctrl" key and clicking on each slide you want to select.

118. (d): In the URL, 'google.com' is the domain name, which represents the address of a website on the internet.

119. (a): A vulnerability is a weakness in a system that could be exploited by a threat actor to compromise the system or its assets.

120. (d): The formatting toolbar in applications like MS Word provides buttons for adjusting text styles, font sizes, and alignment.

121. (a): USB stands for Universal Serial Bus, which is a standard for connecting peripheral devices to a computer.

122. (d): A file server allows multiple users on a Local Area Network (LAN) to access and share data, programs, and files stored on a central server.

123. (a): FORTRAN (Formula Translation) is one of the oldest high-level programming languages, primarily used for numerical and scientific computing.

124. (d): Douglas Engelbart is credited with inventing the first computer mouse in the 1960s as part of his work on human-computer interaction at Stanford Research Institute.

125. (d): The "Inbox" in an email client is the folder where all incoming emails are stored until the user reads or manages them.

126. (b): Platelets are essential in the blood clotting process. They help activate a series of proteins (called the clotting cascade) that ultimately convert fibrinogen into fibrin, which forms a mesh-like clot to stop bleeding.

127. (a): Heat-tolerant microorganisms can survive and thrive under extreme temperature conditions, giving them a significant advantage during heat waves, as they are more resilient to the stress caused by high temperatures.

128. (c): Electrical power is calculated by multiplying the voltage (V) applied across a circuit by the current (I) flowing through it. The unit of power is the watt (W).

129. (a): The walls of arteries are thick and elastic to withstand the high pressure exerted by the heart when it pumps blood. The elasticity helps arteries stretch and recoil as blood flows through them.

130. (b): Mercury is the only metal that is liquid at room temperature and has the lowest melting point of any metal, at -38.83°C.

131. (d): The SI unit of electric charge is the coulomb (C), named after Charles-Augustin de Coulomb, who studied the forces between electric charges.

132. (a): When a metal carbonate reacts with an acid, a salt, water, and carbon dioxide gas are produced. For example, calcium carbonate reacts with hydrochloric acid to produce calcium chloride, water, and carbon dioxide.

133. (a): Arthropods, such as insects and spiders, generally exhibit bilateral symmetry, meaning their bodies are symmetrical along a central axis.

134. (d): Lactic acid is produced during the fermentation of milk by bacteria, and it is what gives curd (yogurt) its tangy taste.

135. (c): Androgens are a group of male sex hormones, the most well-known being testosterone. These hormones are involved in the development of male characteristics.

136. (c): Pepsin is an enzyme found in the stomach that is responsible for breaking down proteins into smaller peptides during digestion.

137. (c): Melting is the process where a solid turns into a liquid when it is heated to its melting point.

138. (c): The speed of light in a vacuum is approximately 300,000 kilometers per second, or 3×10^8 meters per second.

139. (b): In unicellular organisms like Leishmania, the whip-like flagellum helps determine the plane of division during binary fission, ensuring proper cell division.

140. (d): Chlorofluorocarbons (CFCs) contribute to the depletion of the ozone layer, which protects the Earth from harmful ultraviolet radiation from the sun.

141. (d): According to Faraday's Law of Induction, when a coil is moved perpendicular to a magnetic field, the induced current is maximized, as the rate of change in the magnetic flux is highest.

142. (c): Cranial nerves, along with spinal nerves, are part of the peripheral nervous system, which connects the brain and spinal cord to the rest of the body.

143. (a): The majority of nutrient absorption occurs in the small intestine, where specialized cells absorb nutrients into the bloodstream.

144. (a): Euglenoids, which are single-celled organisms with characteristics of both plants and animals, are classified under the kingdom Protista in the five-kingdom system.

145. (b): Environmental impact assessments (EIAs) are conducted to assess the potential environmental impacts of projects and help in

making decisions that minimize damage to the environment.

146. (d): Non-metals are generally poor conductors of electricity because they do not have free-moving electrons that can carry electrical charge.

147. (c): In a grassland ecosystem, rabbits are primary consumers because they feed on plants, which are the producers.

148. (c): Geothermal energy is considered a renewable energy source because it relies on the heat from the Earth's core, which is replenished naturally.

149. (d): Large dams can disrupt local ecosystems by altering natural water flow, affecting aquatic life, and displacing communities.

150. (c): Reactivity is often determined by the position of elements in the reactivity series, which reflects their tendency to lose electrons and form positive ions (cations).

- Aluminium (Al): Highly reactive because it is a more electropositive metal and easily loses electrons to form Al^{3+}.
- Zinc (Zn): Less reactive than aluminium but still more reactive than tin. It readily reacts with acids and forms Zn^{2+}.
- Tin (Sn): Least reactive among the three; it reacts slowly with acids and is lower in the reactivity series.

Thus, the reactivity order is:
Al > Zn > Sn