

Class IX-X/SSC

Chapter-01:

Information & Communication Technology and Our Bangladesh

1. The wealth of the 21st century is-

- A. Money
- B. Resources
- C. Knowledge**
- D. Agriculture

2. The resources of the world are-

- A. Agriculture
- B. Knowledge
- C. Ordinary people**
- D. Mineral resources

3. The wealth of the world is man-

- i. Can create knowledge
- ii. Can contain knowledge
- iii. Can use knowledge

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii**

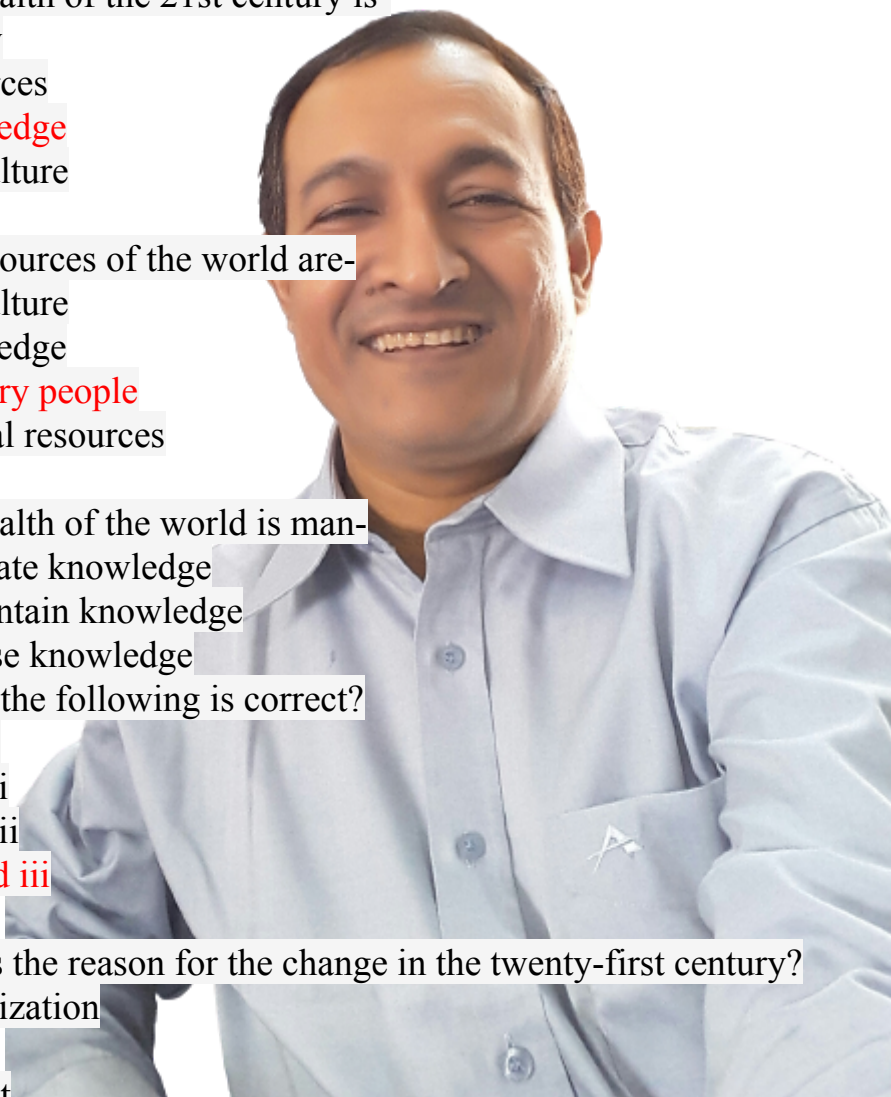
4. What is the reason for the change in the twenty-first century?

- A. Globalization
- B. E-mail
- C. Internet

D. Internationalization

5. Why are globalization and internationalization accelerating?

- A. Internet
- B. Information and communication technology**
- C. Knowledge-based economics
- D. Global Village



* Read the following paragraph and answer questions 6 and 7:

The teacher was teaching about 21st century and information technology in the class. He was focusing on two important issues in the 21st century.

6. Which is the most important element of the 21st century?

A. Knowledge

B. Information and communication technology

C. Money

D. Creativity

7. What was the teacher focusing on?

i. Information Technology

ii. Globalization

iii. Internationalization

Which of the following is correct?

A. i and ii

B. i and iii

C. ii and iii

D. i, ii and iii

8. What is the reason behind the decrease in human nature dependence?

A. Use of money

B. Discovery and use of instruments

C. Internet

D. Evolution of information

9. Depending on which people have started to control the world economy?

A. On the instrument

B. At will

C. On knowledge

D. On information

10. Related to expertise in information and communication technology-

i. Communication skills and good citizenship

ii. Analytical thinking skills

iii. Creativity

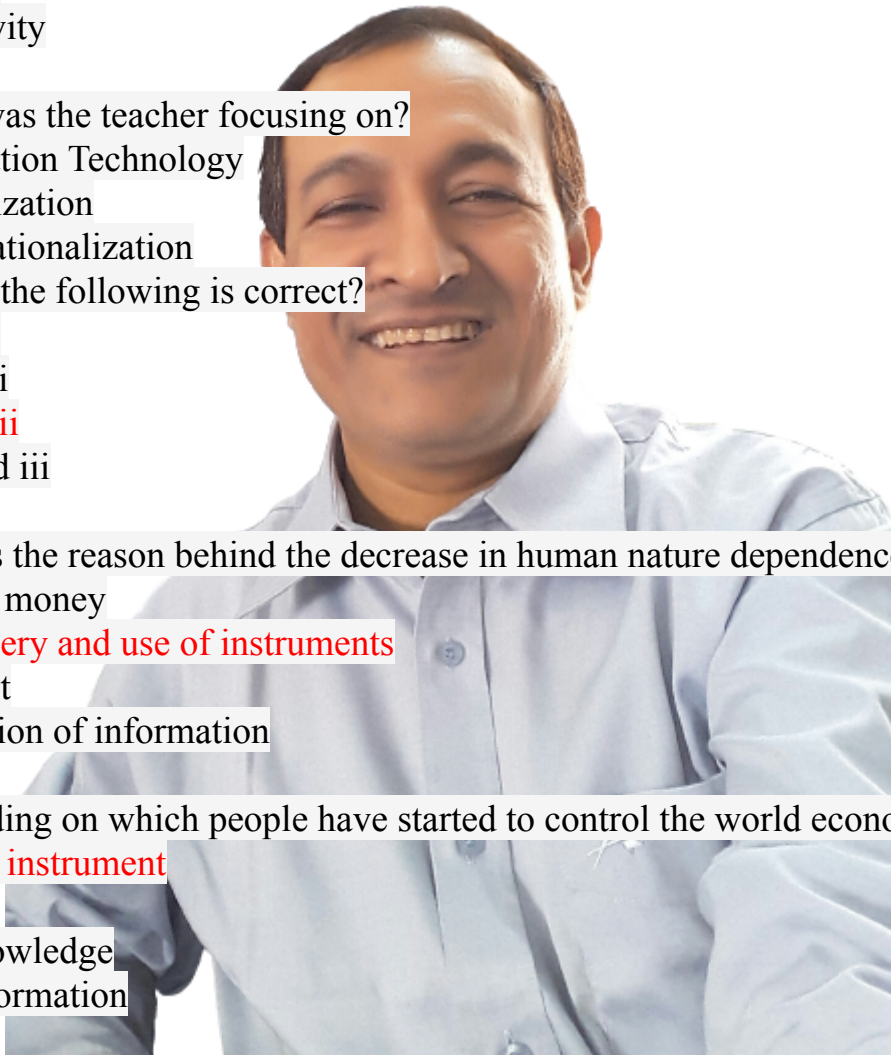
Which of the following is correct?

A. i and ii

B. i and iii

C. ii and iii

D. i, ii and iii



11. Who will act as the driving force of the world in the future?

A. Those who will be sitting at home

B. Who will revolutionize the creation of a knowledge-based society

C. Who will revolutionize the creation of a money-based society

D. Those who will be educated in higher education

12. Which skill is most important to participate in the revolution of creating knowledge based society?

A. Creativity

B. The power to revolutionize

C. Thoughts

D. Expertise in information and communication technology

13. As a result of reliance on human machinery-

i. Dependence on nature has decreased

ii. Knowledge-based economy has started

iii. Employment is declining

Which of the following is correct?

A. i and ii

B. i and iii

C. ii and iii

D. i, ii and iii

14. What is needed to create new information?

A. Enter the world of the Internet

B. Gaining knowledge

C. The destruction of information technology

D. Enter the world of information technology

15. The reason for bringing ICT into the fold is-

i. Wireless communication system

ii. Increase the computing power of the computer

iii. Development of micro electronics

Which of the following is correct?

A. i and ii

B. i and iii

C. ii and iii

D. i, ii and iii

16. Charles Babbage was-

- A. Mathematician
- B. Engineer
- C. Engineer and mathematician
- D. Information technologist and writer

17. In what year did the London Museum of Science build an engine capable of calculating mechanically?

- A. 1833
- B. 1842
- C. 1953
- D. 1991

18. Which of the following inventions has made it possible to do office work at home in today's world?

- A. Charles Babbage
- B. Ada Loveless
- C. James Clark Maxwell
- D. Jagadish Chandra Basu

19. Who is the father of modern computer?

- A. Charles Babbage
- B. Steve Jobs
- C. James Clark Maxwell
- D. Ada Loveless

20. Associated with 1891-181-

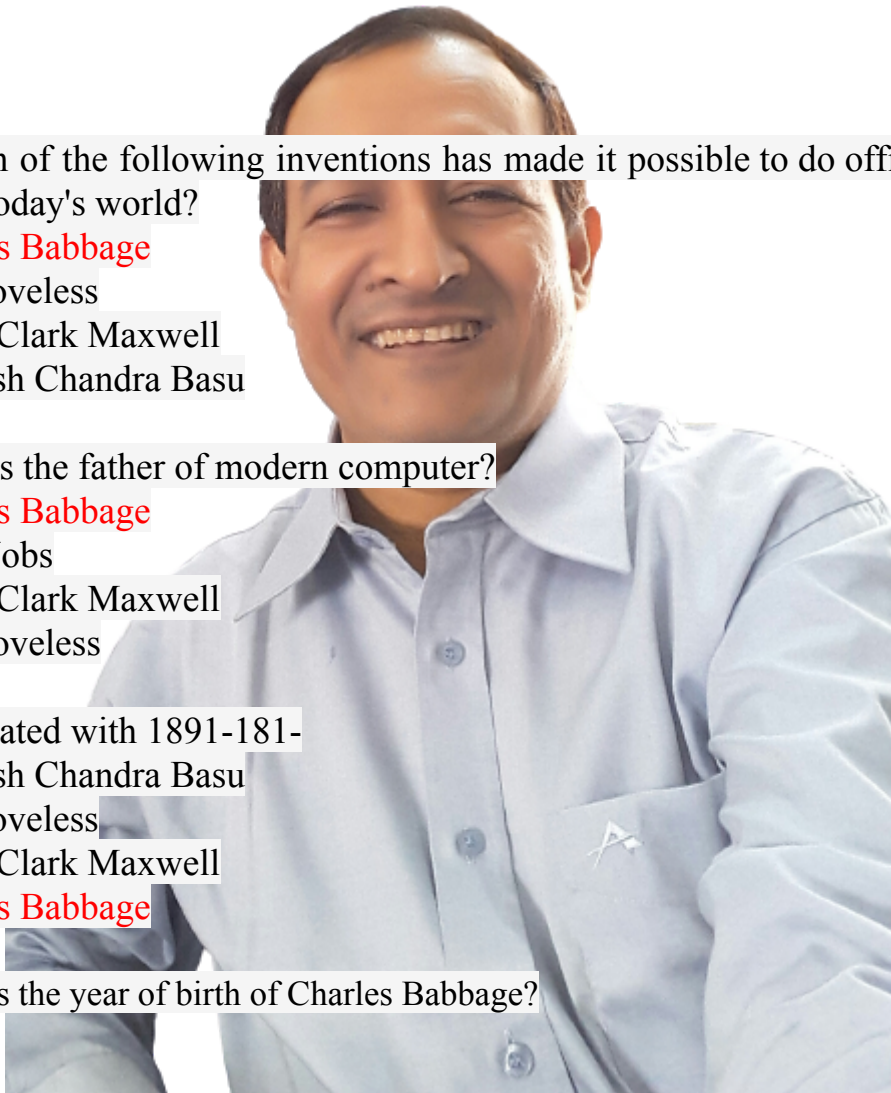
- A. Jagadish Chandra Basu
- B. Ada Loveless
- C. James Clark Maxwell
- D. Charles Babbage

21. What is the year of birth of Charles Babbage?

- A. 1791
- B. 1792
- C. 1793
- D. 1852

22. What is the year of death of Charles Babbage?

- A. 1815
- B. 1842
- C. 1852
- D. 1871



23. Who invented the difference engine calculator?

A. Charles Babbage

B. James Clark Maxwell

C. Mark Zuckerberg

D. Ada Loveless

24. Who invented the analytical engine calculator?

A. Steve Jazniak

B. Charles Babbage

C. Bill Gates

D. Mark Zuckerberg

25. In which way the two instruments work in differential engine and analytical engine?

A. Like a magnetic ball

B. Can calculate mechanically

C. Works like a computer

D. Works like a car engine

26. In what year was the Difference Engine and Analytical Engine made?

A. 1891

B. 1815

C. 1842

D. 1991

27. What is the name of the daughter of the poet Lord Byron?

A. Maxwell

B. Serena Williams

C. Ada Lovelace

D. Ladi Laga

28. In what year did Ada Lovelace meet Charles Babbage?

A. 1815

B. 1833

C. 1842

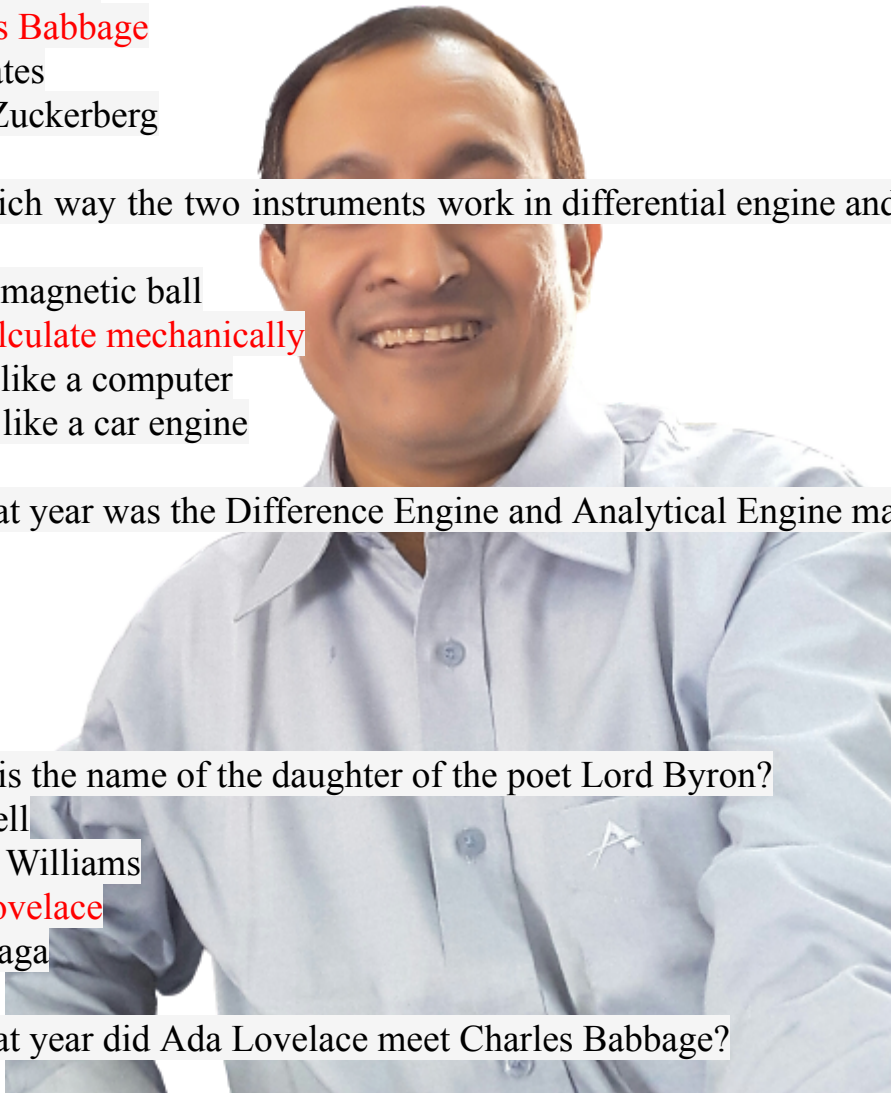
D. 1852

29. Who is the originator of the concept of programming?

A. Steve Jobs

B. Charles Babbage

C. Ada Loveless



D. Lord Byron

30. In what year did Charles Babbage speak at the University of Turin about his engine?

A. 1891

B. 1815

C. 1842

D. 1871

31. What was Ada Loveless most interested in?

A. Computer

b. English

c. Science and Mathematics

d. Literature

32. How many years after Adar's death was the work note of the engine described by Adar published?

A. 50

B. 60

C. 100

D. 110

33. Who was the first to invent the concept of algorithm programming?

A. Charles Babbage

B. Bill Gates

C. Ada Loveless

D. Lord Byron

34. Who is honored as the originator of the programming concept?

A. Ada Loveless

B. Lord Byron

C. Steve Jobs

D. Charles Babbage

35. Those who have contributed to the development of information technology-

i. Charles Babbage

ii. Lord Byron

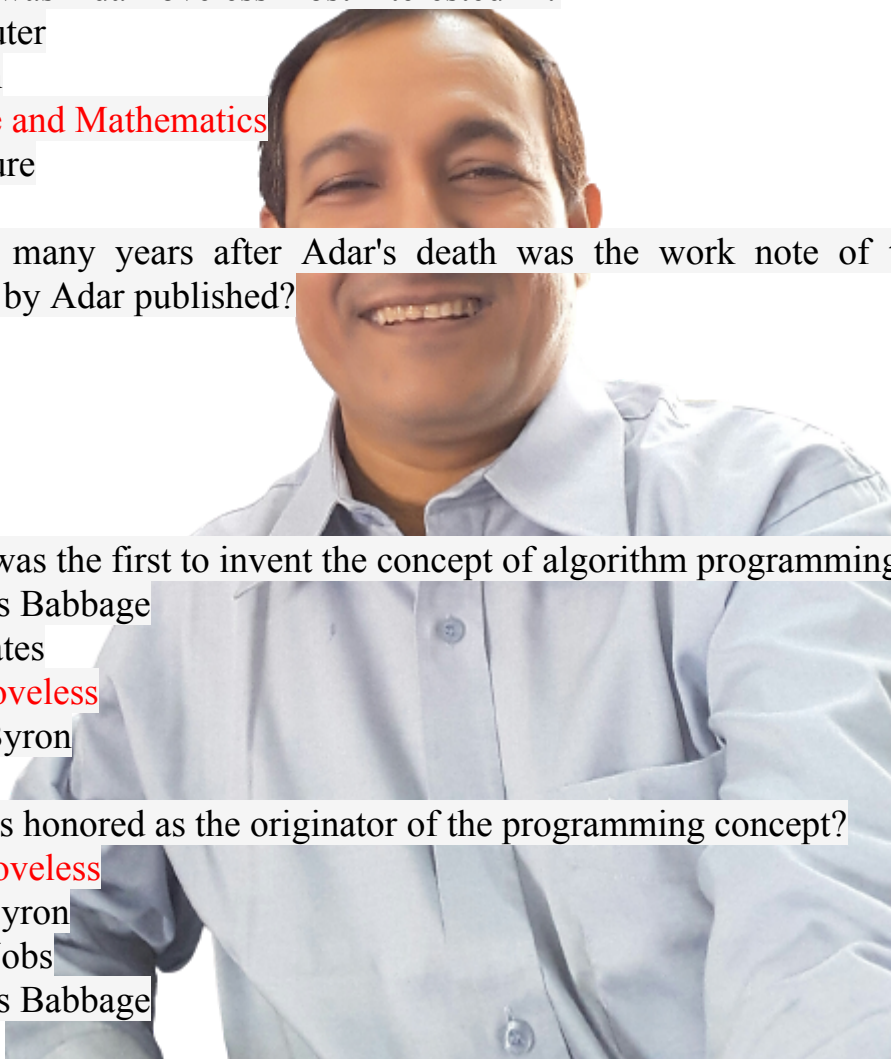
iii. Ada Loveless

Which of the following is correct?

A. i and ii

B. i and iii

C. ii and iii



D. i, ii and iii

36. Who first published the concept of electromagnetic ball?

A. James Clark Maxwell

B. Steve Jobs

C. Guglielmo Marconi

D. Jagadish Chandra Basu

37. Who was the first Bengali scientist to succeed in sending messages from one place to another without wires?

A. Lord Byron

B. Maxwell

C. Marconi

D. Jagadish Chandra Basu

38. Which of these is used by Jagadish Chandra Bose to transmit information from one place to another?

A. The use of very long waves

B. Use of tiny waves

C. Use of WiFi

D. Fiber optics

39. In what year did scientist Jagadish Chandra Bose succeed in sending information from one place to another?

A. 1852

B. 161

C. 1895

D. 1953

40. Guglielmo Marconi was a scientist from which country?

A. New Zealand

B. Mexico

C. Italy

D. Germany

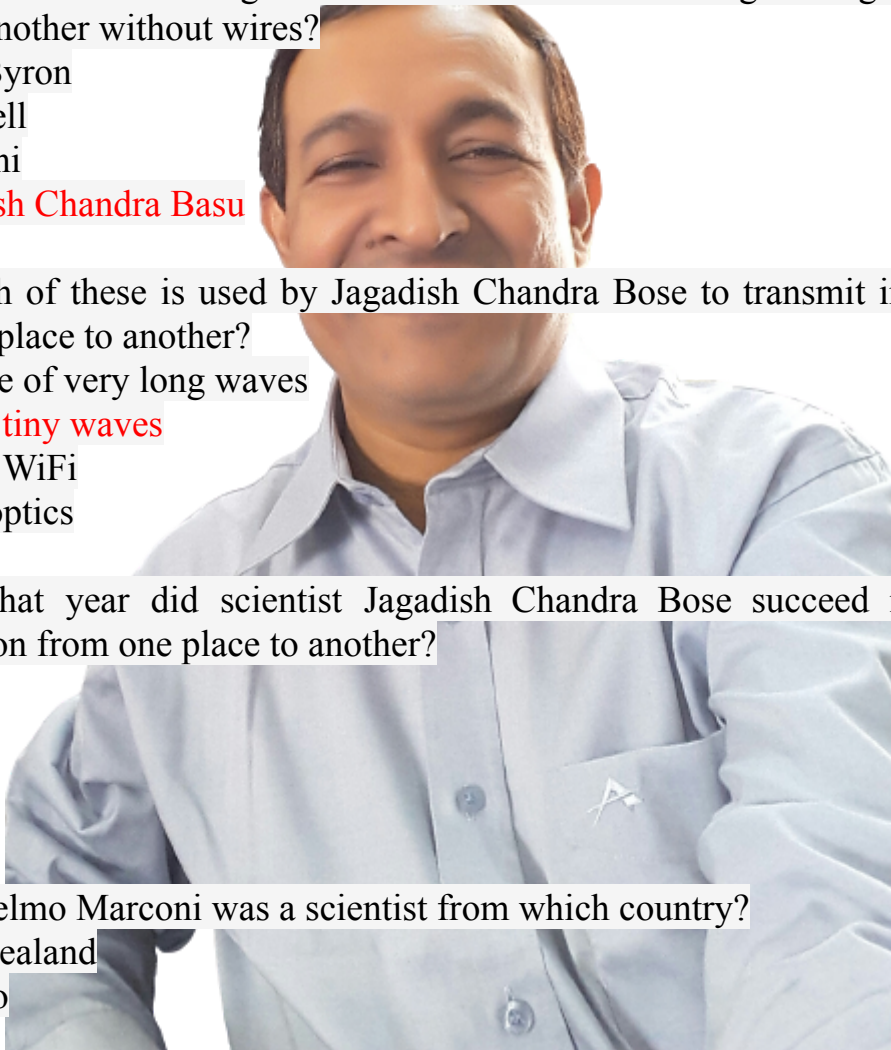
41. Which of these was used by scientist Guglielmo Marconi to transmit information from one place to another?

A. Radio waves

B. Waves too long

C. Molecular energy

D. Fiber optics



42. Scientist James Clark Maxwell

- i. Promoter of programming concept
- ii. Gives the idea of electromagnetic ball
- iii. Highlights the possibility of sending information wirelessly

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

43. Raymond Samuel Tomlinson was-

- A. Scientist
- B. Physician
- C. Programmer
- D. Mathematician

44. Who was the first to launch e-mail system?

- A. James Clark
- B. Ada Loveless
- C. Mark Zuckerberg
- D. Raymond Samuel Tomlinson

45. Raymond Samuel Tomlinson is a citizen of which country?

- A. American
- B. Japanese
- C. India
- D. German

46. In what year was the e-mail system launched?

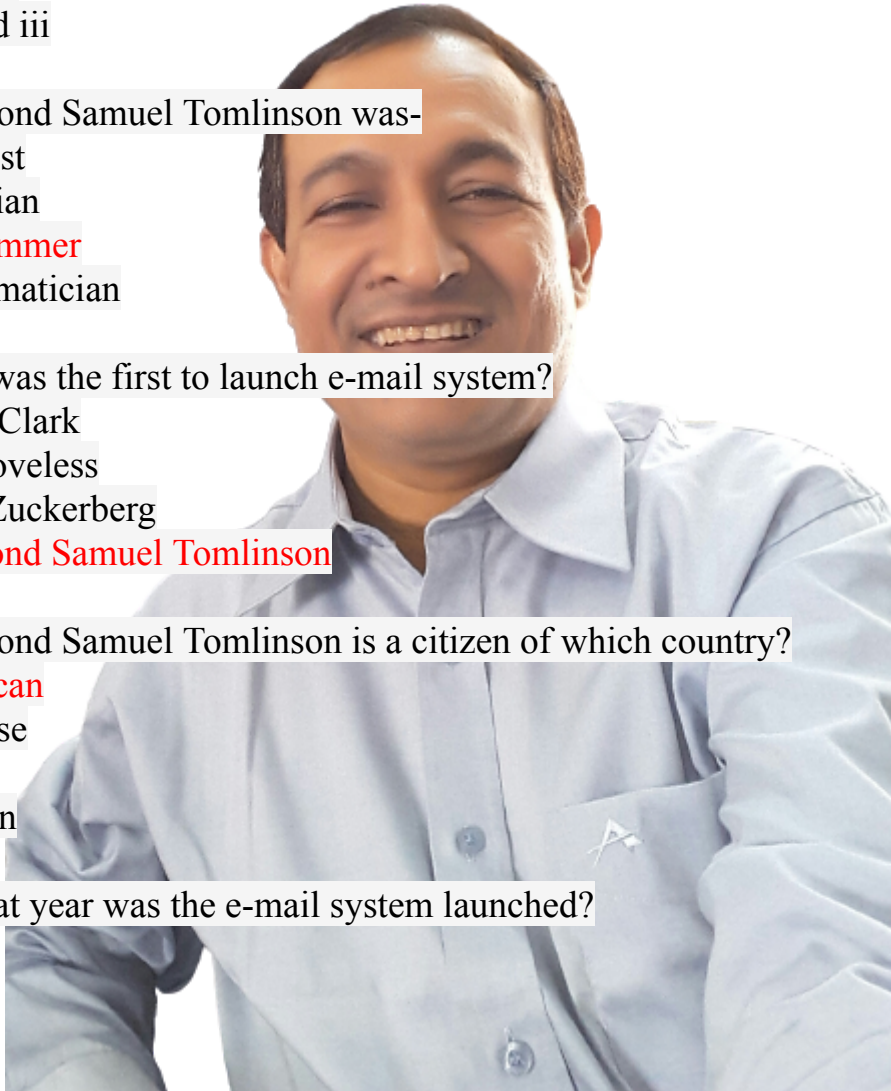
- A. 1971
- B. 1982
- C. 1985
- D. 1995

47. Successful personality in sending information from one place to another

- i. Guglielmo Marconi
- ii. Jagadish Chandra Basu
- iii. Ada Loveless

Which of the following is correct?

- A. i and ii
- B. i and iii



- C. ii and iii
- D. i, ii and iii

48. In what year was the microprocessor invented?

- A. 1990
- B. 1984
- C. 1971
- D. 1969

49. Name of the first computer made by IBM company-

- A. Micro
- B. Miniframe
- C. Mainframe
- D. Macro

50. In what decade did Internet Protocol come into use?

- A. In the fifties
- B. In the sixties and seventies
- C. In the sixties and eighties
- D. In the twenty-first century

51. What is the name of the world's first network?

- A. Arpanet
- B. Topology
- C. Protocol
- D. Internet

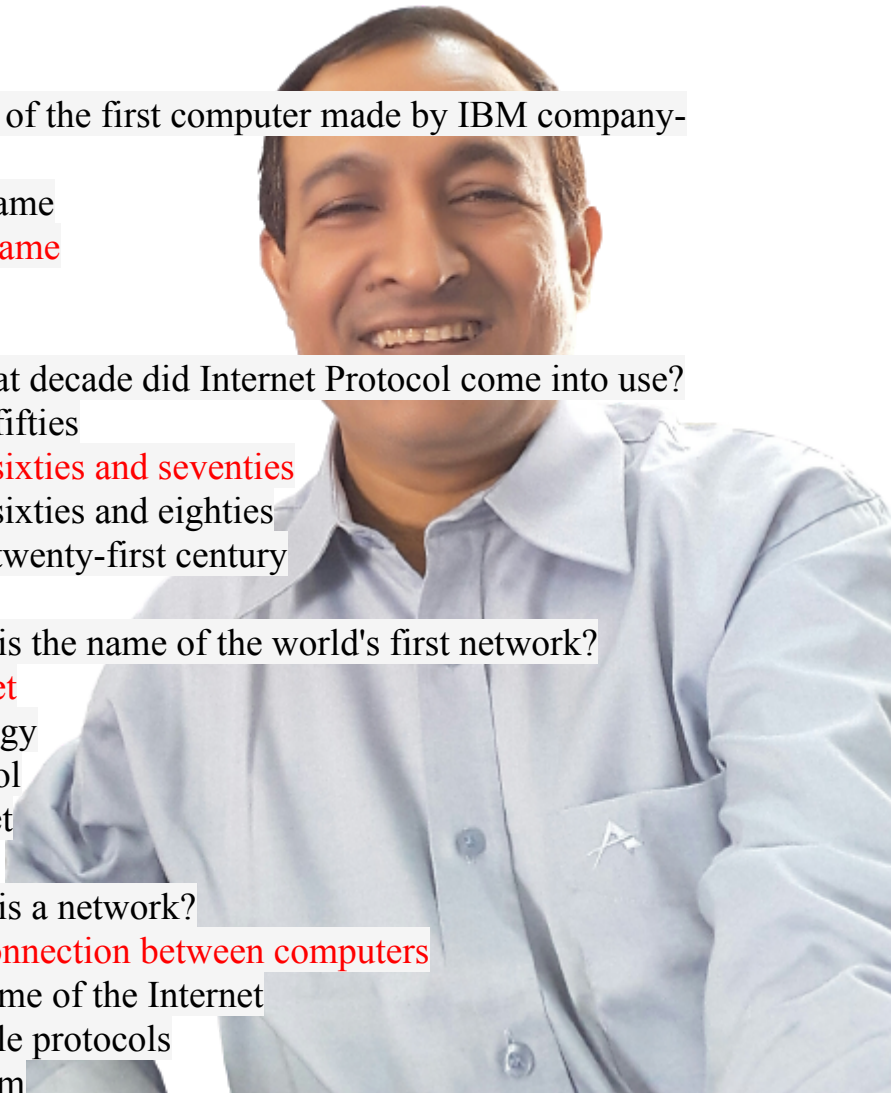
52. What is a network?

- A. Interconnection between computers
- B. The name of the Internet
- C. Multiple protocols
- D. Program

53. What is ARPANET?

- A. The name of a network
- B. Microprocessor Company
- C. The name of the program
- D. The name of the antivirus

54. Developed around the Internet –



- i. Different types of application programs
- ii. Strong economic system
- iii. E-banking services

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

55. Who is the founder of Apple Computer?

- A. Steve Jobs
- B. Steve Jazniak
- C. Ronald Wayne
- D. Everyone

56. Which is one of the largest computer companies in the world today?

- A. Adobe
- B. Dell
- C. Apple
- D. Google

57. Who owns Microsoft?

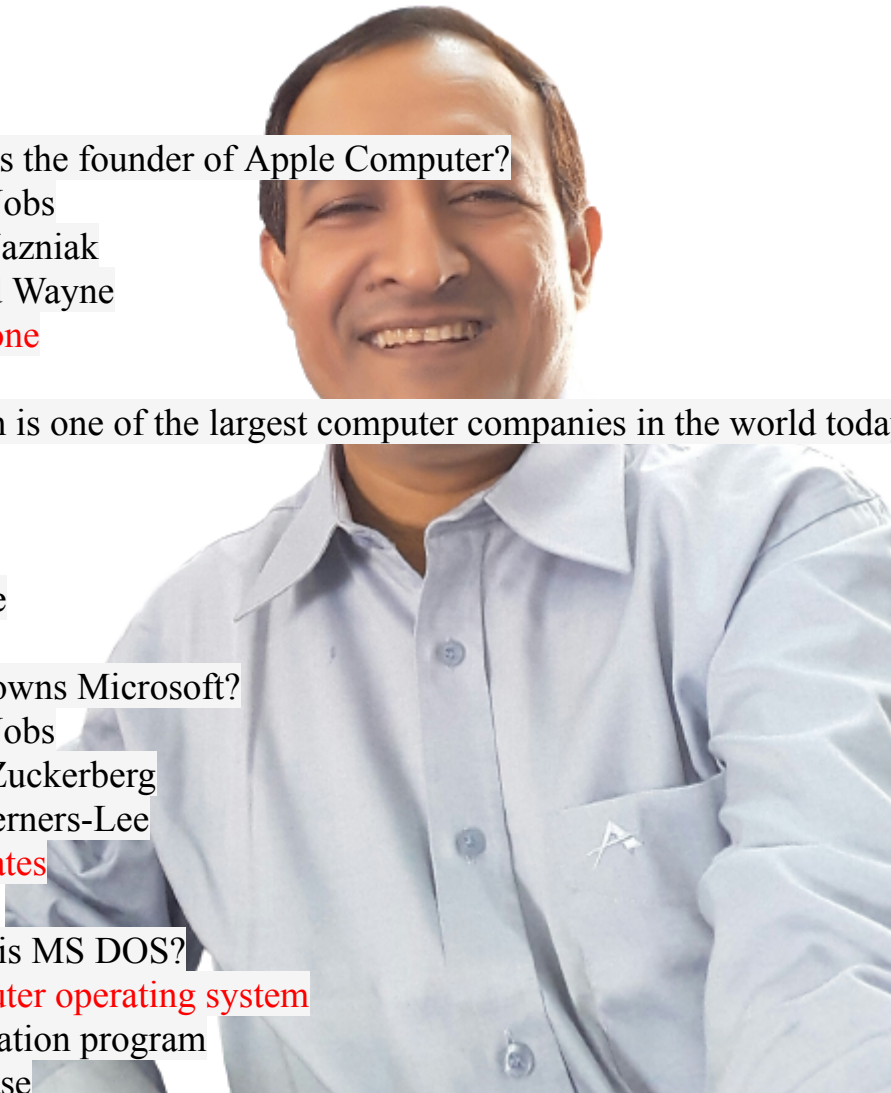
- A. Steve Jobs
- B. Mark Zuckerberg
- C. Tim Berners-Lee
- D. Bill Gates

58. What is MS DOS?

- A. Computer operating system
- B. Application program
- C. Database
- D. Internet Protocol

59. What is Windows?

- A. Accounting program
- B. Network of networks
- C. Computer operating system
- D. Database program



60. Which is the full form of HTTP?

- A. Hyper Text Transfer Protocol
- B. Hyper Text Transfer Permission
- C. Hyper Text Transformation Protocol
- D. Hyper Text Transfer Pass

61. In what year is data management proposed using HTTP?

- A. 1953
- B. 1955
- C. 1971
- D. 1989

62. Who is the father of the World Wide Web?

- A. Ada Loveless
- B. Steve Jobs
- C. Tim Berners-Lee
- D. Lord Byron

63. The Internet is –

- A. E-mail
- B. The sum of the web
- C. A network
- D. Network of networks

64. Who is the founder of Facebook?

- A. Bill Gates
- B. Mark Zuckerberg
- C. Guglielmo Marconi
- D. Maxwell

65. What kind of website is Facebook?

- A. Video website
- B. Of commercial communication
- C. Encyclopedia
- D. Of social communication .

66. What is the total number of Facebook users in the world according to the statistics of 2014?

- A. About 119 crores
- B. About 110 crores
- C. About 115 crores



D. About 100 crores

67. As a result of the use of information and communication technology in government work-

- i. The quality of government services will improve
- ii. Government services will be available in a short time
- iii. Many government services are also available on holidays

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

68. When did the Industrial Revolution take place?

- A. In the seventeenth to eighteenth centuries
- B. In the eighteenth to nineteenth centuries
- C. At the end of the nineteenth
- D. In the twentieth century

69. What is the full form of e-learning?

- A. Electronic learning
- B. Electronics learning
- C. Internet learning
- D. Information learning

70. E-learning is-

- A. Use of multimedia
- B. Distance learning
- C. Teaching online
- D. All of the above

71. Which of the following is a modern method of education?

- A. E-learning
- B. E-leaflet
- C. E-Governance
- D. E-book

72. What are the teachers interested in teaching in the current classroom?

- A. Multimedia
- B. Projector
- C. Computer

D. Books

73. With the help of which students can easily learn science subjects?

A. An encyclopedia

B. E-learning

C. Books

D. Web site

74. Where have so many great universities of the world opened their innumerable courses?

A. Online

B. On the web portal

C. On the network

D. In the book

75 E-learning method-

i. Complement the traditional method

ii. Visible presentation

iii. Interactive

Which of the following is correct?

A. i and ii

B. i and iii

C. ii and iii

D. i, ii and iii

76. In what process can the teacher see his students directly?

A. On skype

B. In the e-book process

C. In the process of e-learning

D. In the conventional teaching method

77. What is the first and most essential component of e-learning?

A. Teacher

B. Internet

C. Information

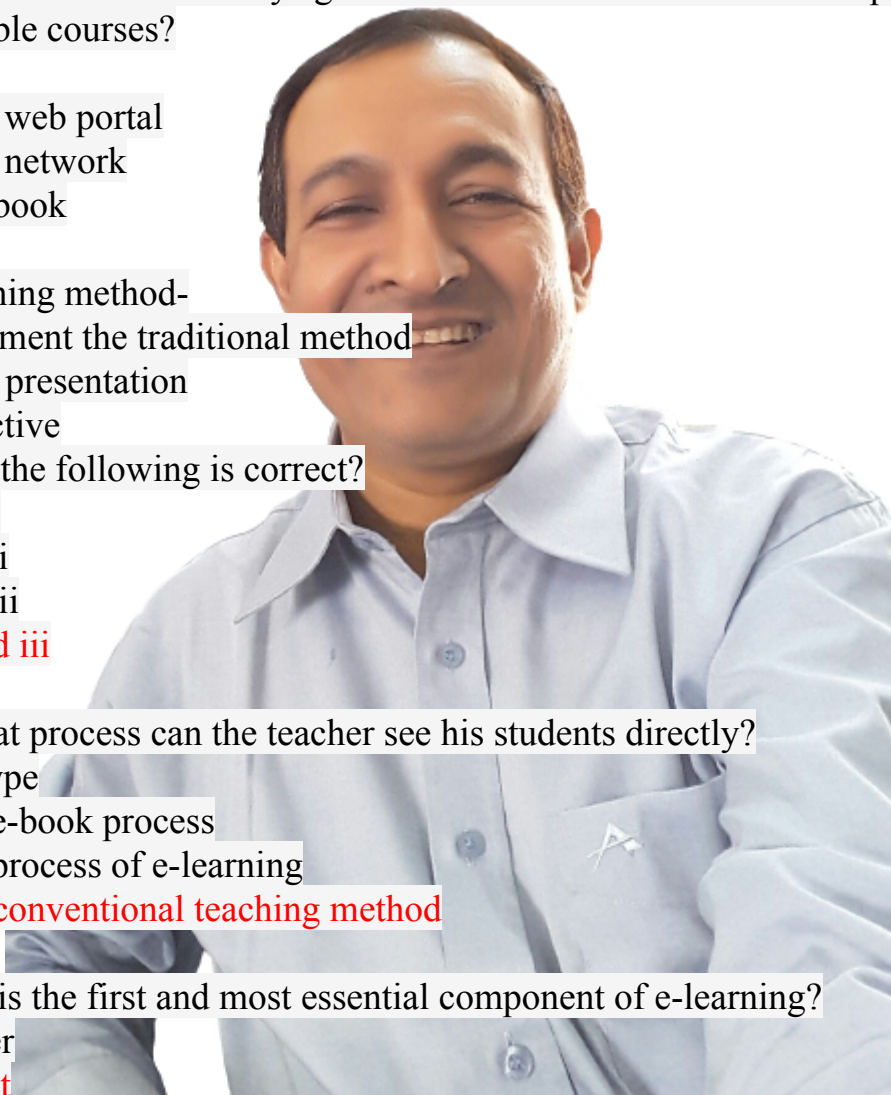
D. Knowledge about e-learning

78. What kind of measures have been taken by the information technologists of Bangladesh to give courses in Bengali?

A. Internet

B. GPS

C. Multimedia



D. Website portal

79. Until one becomes accustomed to using technology-

- i. Cannot analyze data
- ii. Cannot create new information
- iii. Cannot collect data

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii

D. i, ii and iii

80. Needed for good governance-

- A. Transparency and accountability system**
- B. Opacity
- C. Disorder
- D. Modern system

81. What measures can be taken to establish transparency and accountable good governance?

- A. Digital system**
- B. E-learning
- C. Registration
- D. E-voting

* Read the following paragraph and answer questions 82 and 83:

When Maliha fell ill while visiting St. Martin's, she contacted a doctor in Dhaka by phone. He told Maliha to go to the hospital immediately. Later, the doctor of the hospital took the advice of the specialist doctor of Dhaka and arranged for the treatment of Maliha.

82. Which technology plays a major role in Maliha's treatment?

- A. ICT**
- B Television
- C robot
- D computer

83. The method by which the local doctor can take the advice of a specialist doctor is-

- i. Telemedicine services
- ii. E-healthcare
- iii. E-commerce services

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

84. Can be done with mobile telephone-

- i. Going for a walk
- ii. Cut the train ticket
- iii. Receiving various government services

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

85. What is the application of electronic or digital system in governance and process? A. Digital status

B. E-Governance

C. Good governance

D. Electronic method

86. What is meant by e-governance?

A. Application of analog method

B. Application of digital system in governance

C. Adopting modern methods

D. Providing medical services

87. At present, which medium is most used for applying for admission in educational institutions?

A. Mobile phone

B. Facebook

C. Letter

D. Television

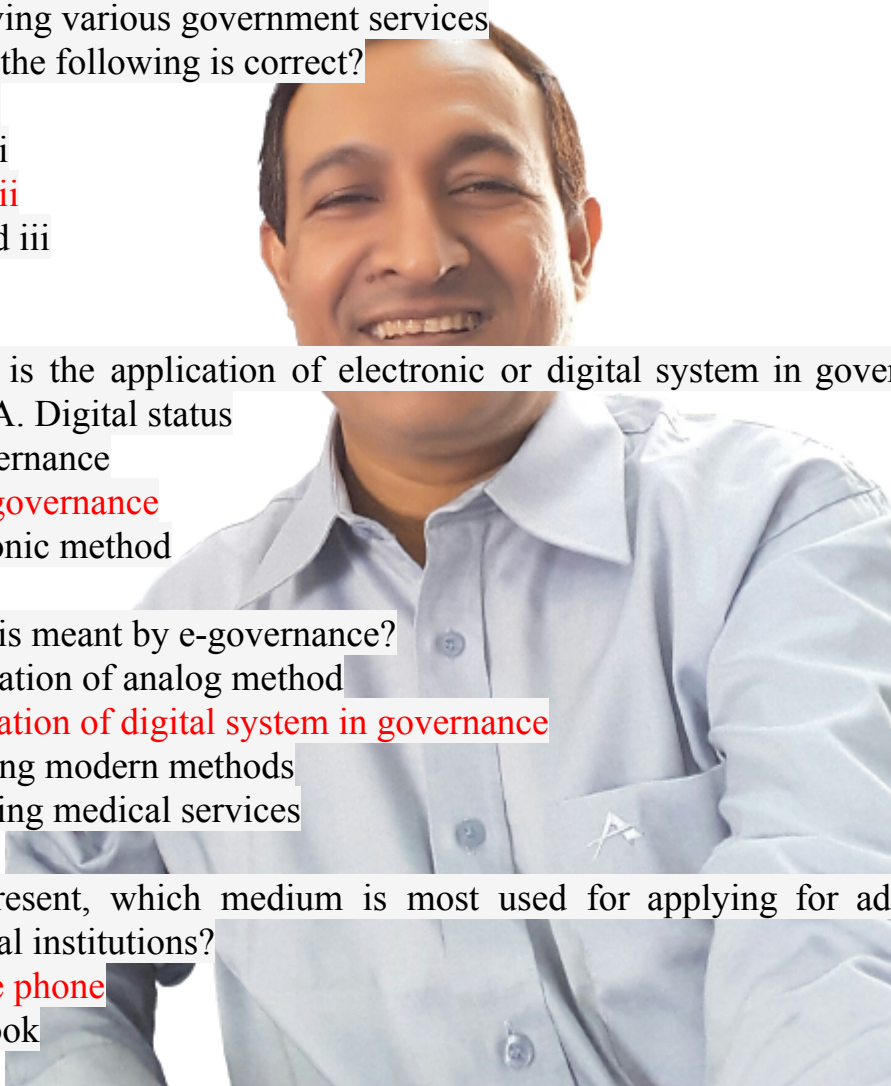
88. How long does it take to get any type of service from e-service center now?

A. 2-4

B. 2-5

C. 10

D. 15



89. What is the percentage increase in the capacity of the department to provide copies of various documents or pamphlets in the e-service center?

- A. 10
- B. 20
- C. 40
- D. 50

90. What is needed to improve the living standards of citizens?

- A. E-learning
- B. Registration
- C. Governance
- D. Social responsibility

91. The services included in the e-service are-

- i. E-commerce
- ii. E-Purji
- iii. E-leaflet

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

92. The launch of the district e-service center has made it possible:

- R. All services in a short time
 - Ror. Low cost
 - Rorr. Without hassle
- Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

93. Which system has increased the efficiency of government employees?

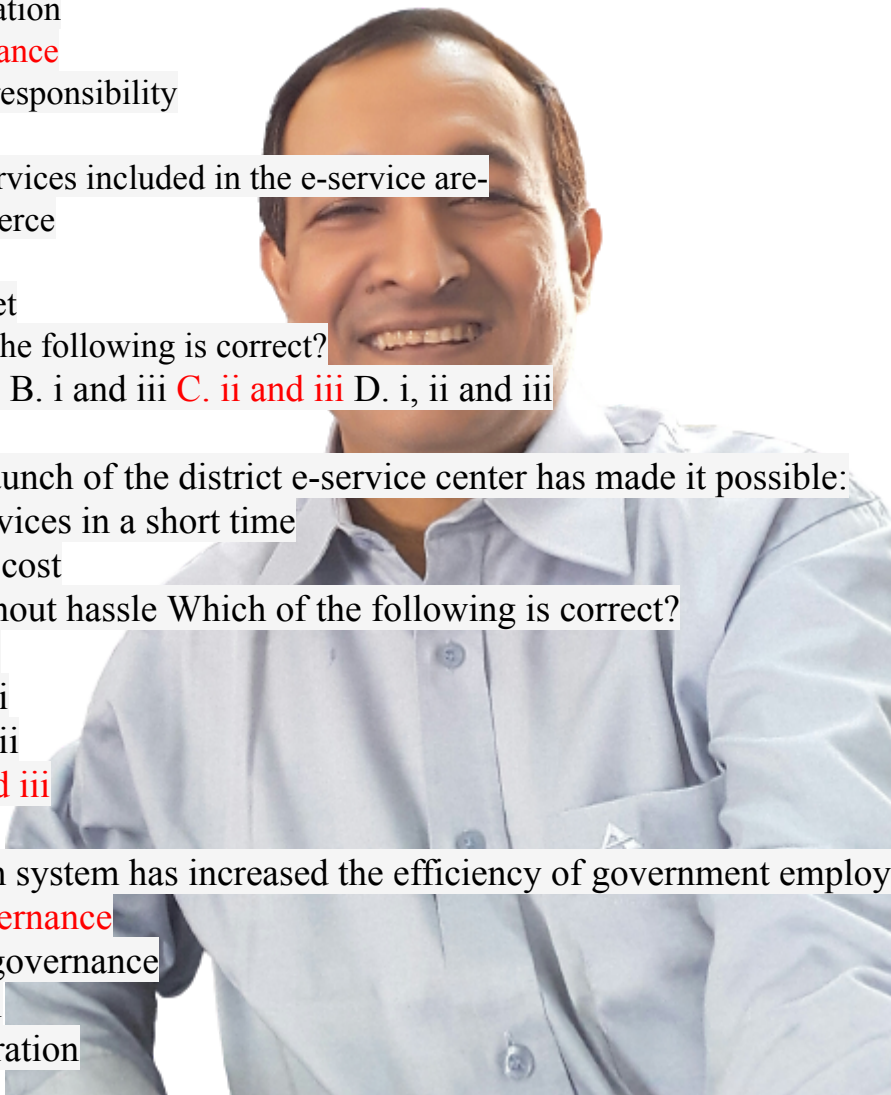
- A. E-Governance
- B. Good governance
- C. E-Purji
- D. Registration

94. Anyone can avail services through e-service using any medium?

- i. Internet
- ii. Mobile phone
- iii. Online

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii



D. i, ii and iii

95. Which is the full form of MTS?

- A. Electronics Money Transfer System
- B. Electronic money transport system
- C. Electronic money transit system
- D. Electronic Money Transfer System

* Read the following paragraph and answer questions 96-97:

Nowadays MTS is a simple and modern digital method of sending money.

96. What is the maximum amount that can be sent in this method?

- A. 5 thousand
- B. 10 thousand
- C. 40 thousand
- D. 50 thousand

97. It takes time to send money in that way-

- A. 1 second
- B. 1 minute
- C. 5 minutes
- D. 1 hour

98. The full form of the method-

- A. Electronic Money Transfer System
- B. Electronic transfer system
- C. Electric Money Transfer
- D. Electronic money transfer

99. The advantage of using the method-

- i. Slow down
- ii. Security
- iii. Cheap costs

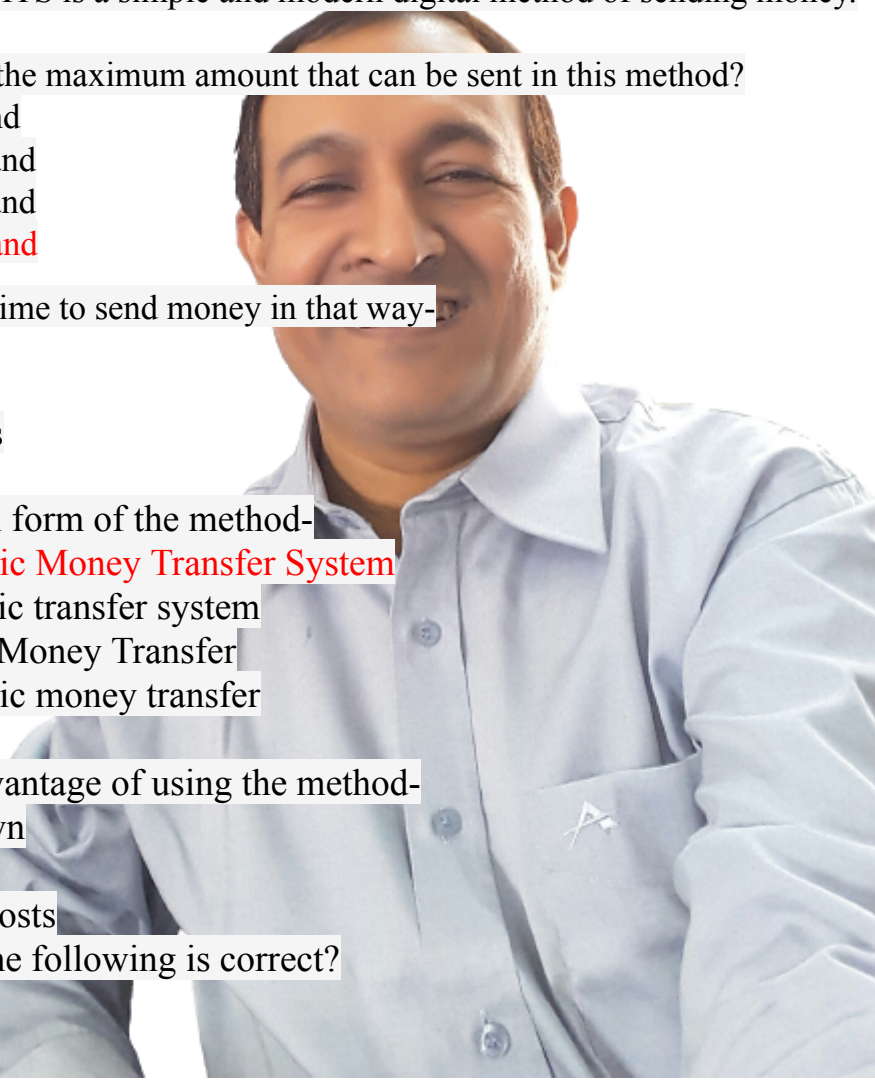
Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

100. IBM Company Makes –

- i. Difference engine
- ii. Microprocessor
- iii. Mainframe computer

Which of the following is correct?



- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

* Read the following paragraph and answer questions 101 and 102:

Bipasha used to visit different websites on online programming and after learning different types of programs she can now make cartoons.

101. Bipasha's teaching method was-

- A. Information learning
- B. Electronic learning
- C. Program learning
- D. Video learning

102. Bipasha will be needed in this system-

- i. Good internet speed
- ii. E-learning learning materials
- iii. Books

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

103. How many sugarcane farmers in the country are currently receiving e-purji services?

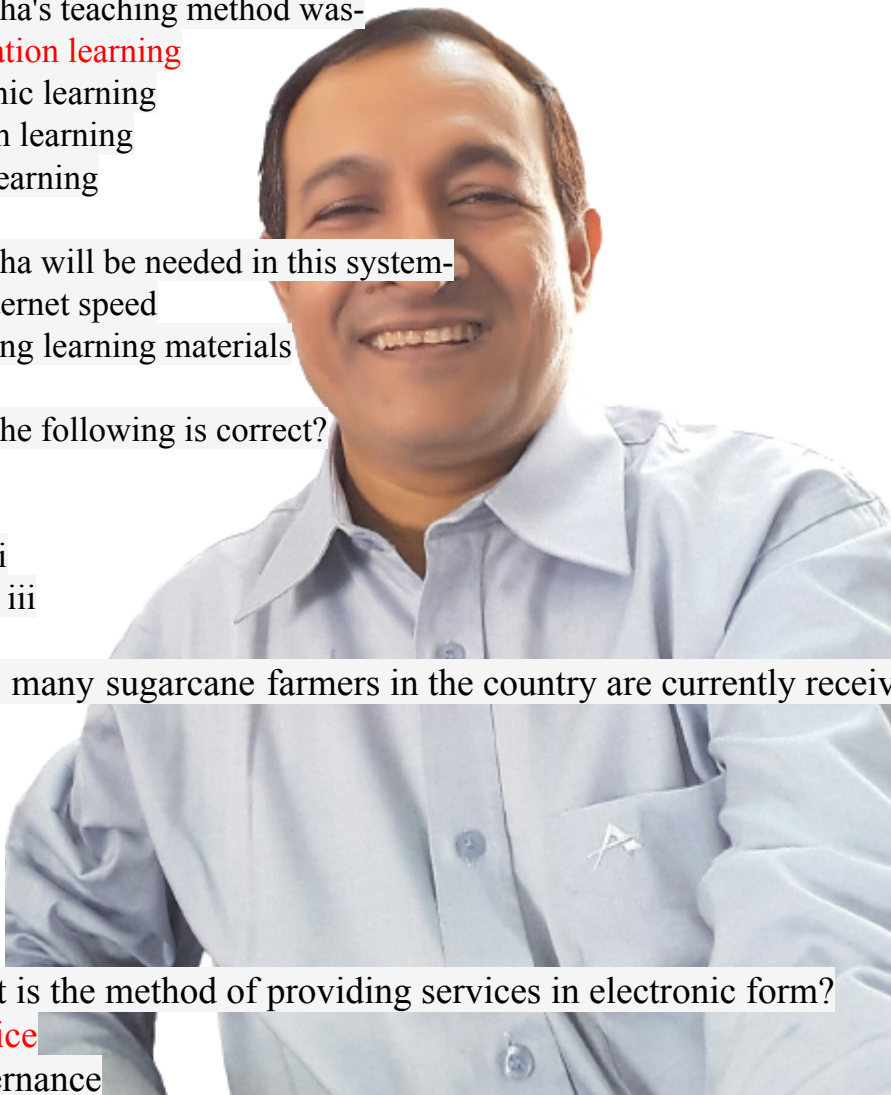
- A. 5
- B. 15
- C. 20
- D. 22

104. What is the method of providing services in electronic form?

- A. E-service
- B. E-governance
- C. E-commerce
- D. E-learning

105. Key Features of e-Services –

- A. High cost but short service delivery
- B. Low cost and short service delivery
- C. Use of mobile phone
- D. Provide free services



106. Services covered by e-services-

- i. E-healthcare
- ii. MTS
- iii. E-ticket

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii

107. What kind of online income tax calculator service?

- A. E-Governance
- B. E-service
- C. MTS
- D. Mobile service

108. The method of providing health care through mobile phone is-

- A. E-leaflet
- B. E-healthcare
- C. Telemedicine
- D. Mobile ticketing

109. What kind of services are being provided in the hospitals of the country at present?

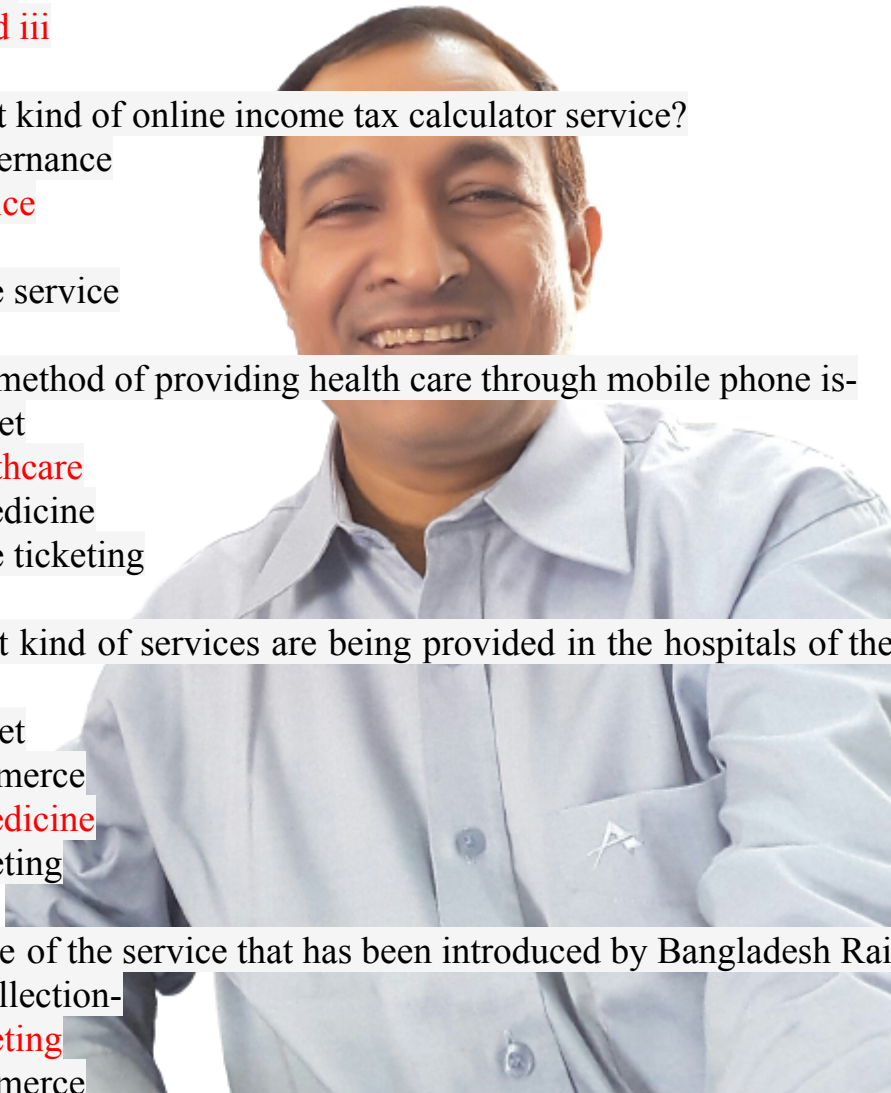
- A. E-leaflet
- B. E-commerce
- C. Telemedicine
- D. E-ticketing

110. Name of the service that has been introduced by Bangladesh Railway Train Ticket Collection-

- A. E-ticketing
- B. E-commerce
- C. Internet
- D. Railway service

111. The full form of e-commerce-

- A. Electro commerce
- B. Electric commerce
- C. Electronic commerce
- D. Electronics commerce



112. The method of trading with the help of computer is called-

- A. Internet
- B. E-commerce**
- C. E-mail
- D. All of the above

113. How does the buyer pay for the product in e-commerce system?

- A. Mobile banking**
- B. Bank check
- C. Going straight to the store
- D. Postal communication

114. What is the full form of COD?

- A. Cash Over Delivery
- B. Cash Before Delivery
- C. Cash On Delivery**
- D. Cash After Delivery

115 COD stands for-

- i. Payment upon receipt
- ii. Cash on delivery
- iii. Bill payment method

Which of the following is correct?

- A. i and ii
- B. i and iii
- C. ii and iii
- D. i, ii and iii**

116. Ever since the spread of e-commerce in Bangladesh?

- A. 2010-2011
- B. 2011-2012**
- C. 2013-2014
- D. 2014-2015

117. Product advertising medium-

- i. TV
- ii. Website
- iii. Newspapers

Which of the following is correct?

- A. i and ii
- B. i and iii



- C. ii and iii
D. i, ii and iii

* Read the following paragraph and answer questions 118 and 119:

As soon as the doorbell rang, Ahona opened the door and saw a set of her books ordered online. Then he paid for the book and collected it.

118. In what way did Ahona pay the price?

- A. Debit card
B. Credit card
C. COD
D. Mobile banking

119. In that way Ahona can buy anything else

- i. Food
ii. Fancy stuff
iii. Electronics products

Which of the following is correct?

- A. i and ii
B. i and iii
C. ii and iii
D. i, ii and iii

120. Made for different types of work-

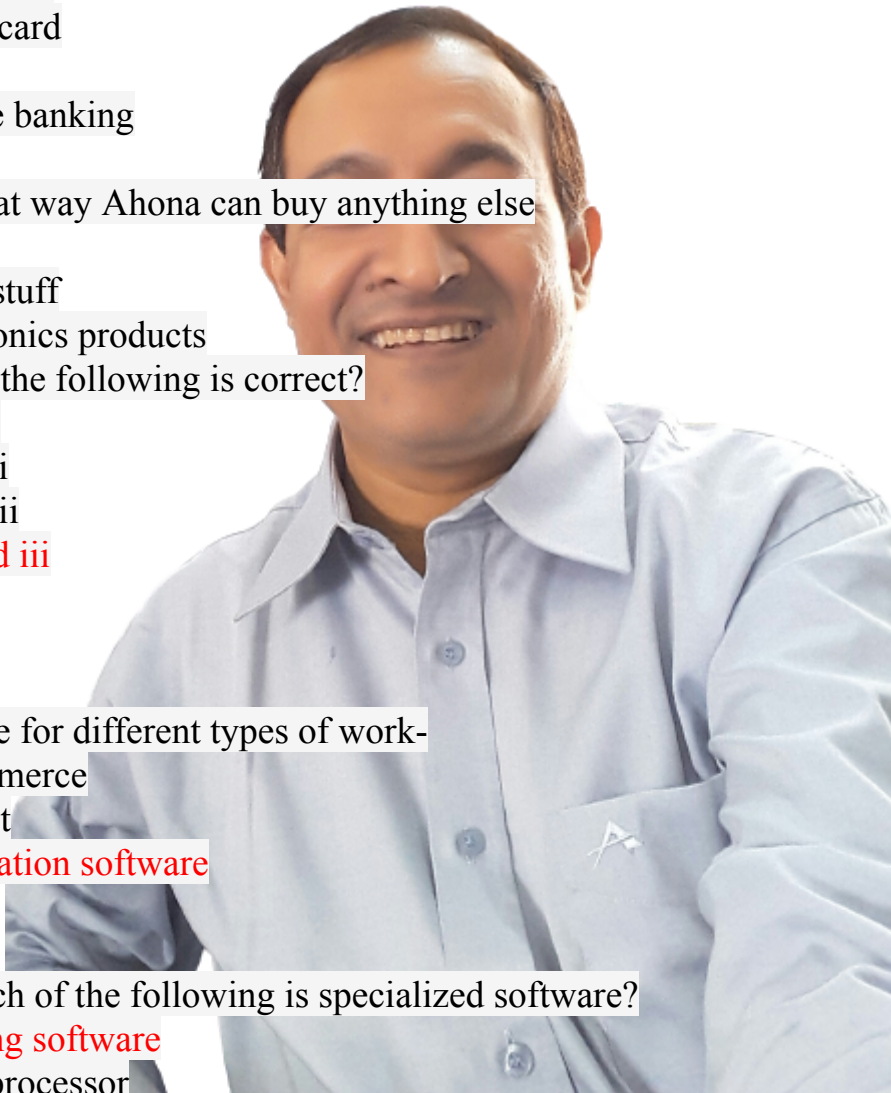
- A. E-commerce
B. Internet
C. Application software
D. Office

121. Which of the following is specialized software?

- A. Banking software
B. Word processor
C. Excel
D. Database

122. What does it mean to earn money in exchange for work online from home?

- A. Freelancer
B. Outsourcer
C. Outsourcing
D. Outgoing



123. Which is the medium of social communication?

A. Facebook

B. Internet

C. E-mail

D. Chatting

124. Which is the web address of Facebook?

A. www.facebookin.com

B. www.facebook.info

C. www.facebook.com

D. www.facebook.edu

125. Who owns Facebook?

A. Tim Barnes Lee

B. Steve Jobs

C. Mark Zuckerberg

D. Maxwell

126. In what year was Facebook launched?

A. February 4, 2004

B. February 4, 2005

C. February 4, 2006

D. February 4, 2006

127. Number of Facebook users in Bangladesh –

A. 60 lakhs

B. 60 lakhs

C. 1 crore

D. Innumerable

128. Which social communication system?

A. Twitter

B. Yahoo

C. Google

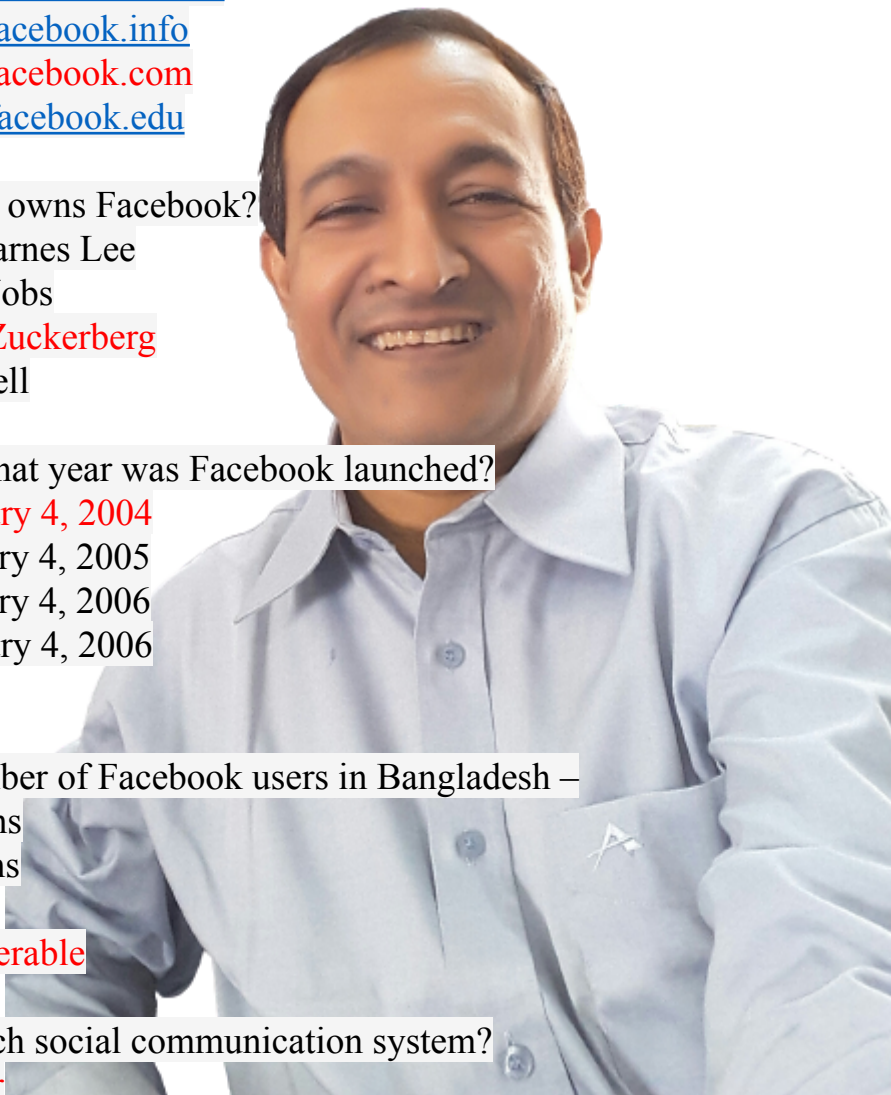
D. Amazon

129. Twitter web address-

A. www.twit.org

B. www.twitter.org

C. www.twit.com



D. www.twitter.com

130. Which microblogging website?

A. E-mail

B. Skype

C. Twitter

D. Facebook

131. At present the results of the test are very easily known-

i. On mobile

ii. On TV

iii. On the Internet

Which of the following is correct?

A. i and ii

B. i and iii

C. ii and iii

D. i, ii and iii

132. What is the maximum number of characters that a Twitter user is allowed to express?

A. 40 characters

B. 140 characters

C. 240 characters

D. 260 characters

133. What is a Twitter message called?

A. Twinkle

B. Tweeting

C. Tweet

D. Twitter

134. What are people who follow a member on Twitter called?

A. Follower

B. Follow

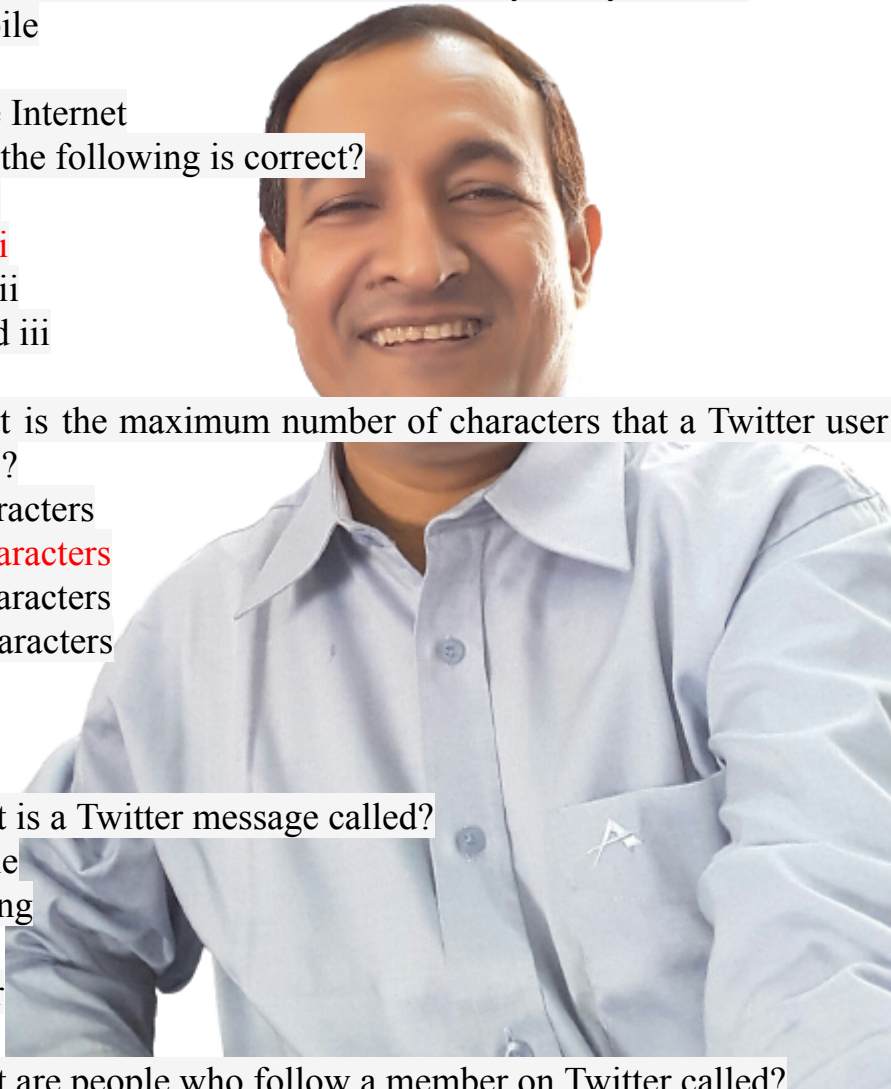
C. Following

D. Customer

135. Which has a big role in creating entertainment?

A. Television

B. Information technology



- C. Entertainment Magazine
- D. Smart phone

136. What area of recreation can delight everyone from young children to adults?

- A. Radio
- B. Telephone
- C. Computer games
- D. Movies

137. How many issues has the government given importance for the implementation of Digital Bangladesh Vision?

- A. Three
- B. Four
- C. Five
- D. Seven

138. What is the first step to build a digital Bangladesh?

- A. Civil service
- B. Human resource development
- C. Bringing rural people under IT services
- D. Involvement of the people

139. What is the primary form of information highway?

- A. Internet
- B. Network
- C. ICT
- D. Software

140. What is the ultimate goal of creating a digital Bangladesh?

- A. Improving the quality of life of all classes of people
- B. Ensuring justice
- C. Transparency in all cases
- D. Responsibility in all cases

141. To get the benefit of information and communication technology:

- i. We have to ensure transparency in all matters
- ii. Encourage the use of innovative power
- iii. Coordination within the ICT industry

Which of the following is correct?

- A. i and ii
- B. i and iii

C. ii and iii

D. i, ii and iii

142. What is important to alleviate the poverty of the people of Bangladesh?

A. Population decline

B. Gaining knowledge about poverty alleviation

C. Computer operating flame

D. Building a digital Bangladesh

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