PREVIOUS YEAR PAPER

DSSSB Technical Assistant 2021 — 1 August 2021

DSSSB Other Posts · 1 August 2021

161 of the paper's 200 questions · +1 for a correct answer, −0.25 for a wrong one · 120 minutes

Left out of the original paper: 39 (any question that needs a figure, a symbol or formatting we cannot show, or whose text did not read back cleanly from the booklet).

Questions from the Delhi Subordinate Services Selection Board's paper of 1 August 2021. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/dsssb-other-posts/previous-year-papers/dsssb-other-posts-2021-technical-assistant-1-aug/

General Awareness

1. Sarhul festival is celebrated every year on Chaitra Shukla Tritiya, which is the _____ moon day falling in the month of Chaitra.

(a) third
(b) fourth
(c) fifth
(d) sixth

Answer: (a)

2. Bhagavata Mela is a classical Indian dance that is p ormed in which of the following states?

(a) Telangana
(b) Kerala
(c) Karnataka
(d) Tamil Nadu

Answer: (d)

3. The Chapchar Kut festival is famously celebrated in _____.

(a) Nagaland
(b) Mizoram
(c) Kerala
(d) Rajasthan

Answer: (b)

4. As announced in the Budget 2021, the allocation to the Rural Infrastructure Development Fund was enhanced from Rs 30,000 crores to Rs _____ crores.

(a) 50000
(b) 45000
(c) 35000
(d) 40000

Answer: (d)

5. Which among the following countries is not a part of G7?

(a) Canada
(b) Germany
(c) India
(d) Italy

Answer: (c)

6. _____ is a process in which natural rubber is treated with sulphur to make it more durable and elastic.

(a) Saponification
(b) Sublimation
(c) Emulsification
(d) Vulcanisation

Answer: (d)

7. The scientific name of _____ fruit is Musa paradisicum.

(a) Mango
(b) Pineapple
(c) Banana
(d) Guava

Answer: (c)

8. Which among the following Indian states does not share boundary with Nepal?

(a) Uttar Pradesh
(b) Bihar
(c) West Bengal
(d) Nagaland

Answer: (d)

9. Which among the following is also known as Malabar Plain?

(a) Kerala Plain
(b) Konkan Plain
(c) Gujarat Plain
(d) Utkal Plain

Answer: (a)

10. Who among the following formed Gyan Prasarak Mandali, an organization dedicated to the education of the adult?

(a) Dadabhai Naoroji
(b) Gopal Krishna Gokhale
(c) Mahatma Gandhi
(d) Jawaharlal Nehru

Answer: (a)

11. The Ryotwari System was introduced by Thomas Munro in _____.

(a) 1828
(b) 1832
(c) 1815
(d) 1820

Answer: (d)

12. Which among the following countries is not a member of South Asian Association for Regional Cooperation (SAARC)?

(a) Bangladesh
(b) Bhutan
(c) India
(d) Indonesia

Answer: (d)

13. Why I am an Atheist' is an autobiography of _____.

(a) Bhagat Singh
(b) Jawaharlal Nehru
(c) Bal Gangadhar Tilak
(d) Surya Sen

Answer: (a)

14. Which among the following states has launched M MA Market mobile application for home delivery of fresh vegetables?

(a) Nagaland
(b) Meghalaya
(c) Manipur
(d) Sikkim

Answer: (c)

15. SpaceX collaborated with _____ to offer high-speed satellite internet to customers worldwide in May 2021.

(a) Microsoft
(b) Infosys
(c) Amazon
(d) Google

Answer: (d)

16. The Mahratta Chamber of Commerce, Industry, and Agriculture (MCCIA) has teamed up with the agriculture finance body NABARD to launch India's first agro-export facilitation centre in _____ in May 2021.

(a) Pune
(b) Chennai
(c) Bengaluru
(d) Kolkata

Answer: (a)

17. Which among the following states has the largest number of seats reserved for Scheduled Castes in Lok Sabha?

(a) Uttar Pradesh
(b) West Bengal
(c) Bihar
(d) Madhya Pradesh

Answer: (a)

18. What is the quorum of the total members of the House to constitute a sitting of the Lok Sabha?

(a) 1/6
(b) 1/8
(c) 1/5
(d) 1/10

Answer: (d)

19. Who among the following won the F1 M[illegible]co G[illegible]d Prix on 23rd May 2021?

(a) Carlos Sainz
(b) Max Verstappen
(c) Lando Norris
(d) Lewis Hamilton

Answer: (b)

20. Which among the following teams won the 2020-21 La Liga title?

(a) Celta Vigo
(b) Valladolid
(c) Real Madrid
(d) Atletico Madrid

Answer: (d)

General Ability

21. Arrange the following words in the sequence in which they occur in the dictionary.
1. Australia
2. Aurangabad
3. Austria
4. Auckland
5. August

(a) 4,5,2,1,3
(b) 4,5,1,2,3
(c) 4,5,3,2,1
(d) 1,5,4,2,3

Answer: (a)

22. Complete the following series:
AAA, ABC, BDF, ?

(a) DGH
(b) BGH
(c) CGJ
(d) DGJ

Answer: (d)

23. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) University : Vice-Chancellor
(b) College : Principal
(c) Industry : Managing Director
(d) Newspaper : Reporter

Answer: (d)

24. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) Humility
(b) Modesty
(c) Simplicity
(d) Vanity

Answer: (d)

25. Select the option that is related to the third term on the same basis as the second term is related to the first term.
Predict : Forecast :: Postpone : ?

(a) Adjourn
(b) Expedite
(c) Hasten
(d) Maintain

Answer: (a)

26. Select the pair that is related on the same basis to the pair given in the question.
Clock : Needle :: ?

(a) Room : House

(b) Book : Pages

(c) Students : School

(d) Car : Automatic

Answer: (b)

27. If 'Football' is called 'Tennis, 'Tennis' is called 'Chess', 'Chess' is called 'Cricket', 'Cricket' is called 'Hockey', 'Hockey' is called 'Kabaddi' then which of the following is an indoor game?

(a) Tennis

(b) Cricket

(c) Chess

(d) Hockey

Answer: (b)

28. If the code for "Roses are Red" is "506", "Violets are Blue" is coded as "195" and "Blue and Red are few" is coded as "31405". Find the code for "Roses are Violets Blue"?

(a) 6590

(b) 6592

(c) 6591

(d) 6593

Answer: (c)

29. Five people E, G, H, I and J have differe heig H and I are taller than J and E but none of them is tallest. Who among them is tallest?

(a) E

(b) G

(c) H

(d) I

Answer: (b)

30. Five persons P, Q, R, T and U are sitting in a row, not necessarily in the same order. P sits third to the right of Q, who sits at the extreme left.
There is one person sitting between T and R. who sits between R and T?

(a) U

(b) P

(c) Q

(d) Cannot be determined

Answer: (b)

31. In the question one statement is given, followed by two conclusions, I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statement.
Statement:
A new virus has broken out in North America and Europe. It spreads through mosquitoes and has a high fatality rate.
Conclusions:
I. Research for vaccines against the virus should be accelerated.
II. People must be informed of the dangers of the virus and told to protect themselves against mosquitoes.

(a) Only I follows.

(b) Only II follows.

(c) Both I and II follow.

(d) Neither I nor II follows.

Answer: (c)

32. In this question, a statement has been given, followed by two assumption numbered I and II. Analyse the two assumptions together and determine which of them follows.
Statement:
If a cultural festival or college fest is an annual cultural event at a college or university organized by the student community, involving participants from other colleges as well. Professional performing artists are also invited, and a number of competitions are held for students.
Assumptions: I: Cultural fest is sponsored by the colle management.
II: Cultural fest takes place only in the colleges of Ind

(a) Only I follows.

(b) Only II follows.

(c) Both I and II follow.

(d) Neither I nor II follows.

Answer: (d)

33. Find the missing term in the series:
111, 100, 87, ?, 55, 36

(a) 72

(b) 75

(c) 81

(d) 70

Answer: (a)

34. Select the option that is related to the third term on the same basis as the second term is related to the first term.
10 : 91 :: 9 : ?

(a) 69

(b) 72

(c) 89

(d) 67

Answer: (b)

Arithmetic Ability

41. Find the ratio of the sum of first 10 natural numbers to the sum of first 10 whole numbers.

(a) 9:11
(b) 10:9
(c) 9:10
(d) 11:9

Answer: (d)

42. Find the square root of the decimal conversion of 11100001.

(a) 14
(b) 15
(c) 16
(d) 17

Answer: (b)

43. A driver drives for 120 kms in 3 hours on 1 day and for 240 kms in 5 hours on the second day and for 300 kms in 4 hours on the third day. Find his average speed of the 3 days.

(a) 50 kmph
(b) 55 kmph
(c) 45 kmph
(d) 48 kmph

Answer: (b)

44. In the first set of exams, a student scored 364/500 and in the second set, he scored 450/500. What is the absolute change in the percentage scored from the first set to the second set?

(a) 0.5 percent
(b) 1 percent
(c) -1 percent
(d) -0.5 percent

Answer: (c)

45. If a good is marked up by 20 percent and then a discount of 20 percent is offered on the marked price, then what is the ratio of the original cost price to the selling price?

(a) 23:25
(b) 25:23
(c) 24:25
(d) 25:24

Answer: (d)

46. What is the absolute difference between the profit percent on cost and on selling price if the cost of the good is Rs 80 and the profit is Rs 20?

(a) 3.33 percent
(b) 4.5 percent
(c) 5 percent
(d) 6 percent

Answer: (c)

47. The profit on selling a good increases by 3 times if the selling price increases relatively by 50 percent. Find the original profit percent.

(a) 10 percent
(b) 12.50 percent
(c) 15 percent
(d) 20 percent

Answer: (d)

48. X is 9 quarter years elder to Y and Y is 22.5 years old. Find the ratio of their ages.

(a) 10:11
(b) 11:10
(c) 6:5
(d) 5:6

Answer: (b)

49. What is the approximate ratio between 5 miles and 5000 m?

(a) 9:5
(b) 5:8
(c) 8:5
(d) 5:9

Answer: (c)

50. The interest on a fixed deposit is provided at 80 percent per annum compounded quarterly. If a man invests Rs 2,00,000 in that fixed deposit, then how much will he get back at the end of 1 year?

(a) Rs 3,60,000
(b) Rs 4,14,720
(c) Rs 3,45,600
(d) Rs 4,32,000

Answer: (b)

51. Rs. 15,000 is provided for interest at 200 percent per annum compounded half-yearly. What is the interest for the 3rd year?

(a) Rs 6,00,000
(b) Rs 7,50,000
(c) Rs 7,20,000
(d) Rs 9,60,000

Answer: (c)

52. A car can speed up and cover 300 metres in 7.5 seconds. By how much should it increase its speed to cover 360 kms in 2 hours?

(a) 20 percent

(b) 25 percent

(c) 30 percent

(d) 33.33 percent

Answer: (b)

53. A car going downhill speeds 80 percent faster than going uphill. If the distance to be covered one way is 90 kms and the downhill time is 1 hour 40 minutes, find the time taken to go uphill.

(a) 2 hours 45 minutes

(b) 3 hours 24 minutes

(c) 3 hours

(d) 3 hours 15 minutes

Answer: (c)

54. A farm can be planted by A, B and C in 20, 40 and 60 days respectively. They start working together and B leaves after working on the 3rd day and C leaves after working on the 5th day. How many days will A now take to do the planting alone?

(a) 11.83 days

(b) 8.25 days

(c) 10.67 days

(d) 9.25 days

Answer: (a)

55. If A, B and C can do a work in 12, 18 and 2[illegible] respectively. On which day will the work be complete if they work together?

(a) 5th day

(b) 6th day

(c) 7th day

(d) 8th day

Answer: (b)

56. What is the difference between the total and curved surface area of a cylinder with radius 7 cm and height 14 cm?

(a) 308 sq cm

(b) 616 sq cm

(c) 154 sq cm

(d) 231 sq cm

Answer: (a)

57. A farm is spread across 5 hectares of ground. During a rain shower, 5 cm of rain falls and half of the water is soaked into the soil. Find the volume of water on the surface of the farm.

(a) 1,250 cu m

(b) 2,500 cu m

(c) 625 cu m

(d) 1,000 cu m

Answer: (a)

General English

81. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
Do you wish/ you could travel/ into the space?

(a) Do you wish

(b) you could travel

(c) into the space?

(d) No Error

Answer: (c)

82. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
The study also examined the/ affect of Head Start pro[illegible]ms that/ use a different educational approach.

(a) The study also examined the

(b) affect of Head Start programs that

(c) use a different educational approach.

(d) No Error

Answer: (b)

83. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
(There is many a boy here today who) looks at war as all glory, but boys, it is all hell.

(a) There is many a boy here today whom

(b) There are many a boys here today who

(c) There are many boys here today whom

(d) No correction required

Answer: (d)

84. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
Lisa watched the two of them, (sensing that there was something either) of them wanted to mention.

(a) sensing that their was something either

(b) sensing that there was something neither

(c) sensing that their was something neither

(d) No correction required

Answer: (b)

85. Fill in the blank with the most appropriate choice
By means of this process the bodies of the solar system separate themselves, and the order of _____ evolution is repeated in that of terrestrial evolution.

(a) dilemmic

(b) autotomic

(c) autonomic

(d) cosmic

Answer: (d)

86. Fill in the blank with the most appropriate choice
The next danger was from the people, who were infuriated by the _____ of corn.

(a) dearth

(b) hearth

(c) garth

(d) unearth

Answer: (a)

87. The question below consist of a set of labelled sentences. Out of four options given, select the most logical order of the sentences which form a paragraph.
The Ganga is the most important river of India both from the point of view of its basin and cultural significance.
P. The river finally discharges itself into the Bay of Bengal near the Sagar Island.
Q. The important tributaries of Ganga are the Ramganga, the Gomati, the Ghaghara, the Gandak, the Kosi and the Mahanada.
R. Here, it is known as the Bhagirathi.
S. It rises from the Gangotri glacier near Gaumukh (3,900 m) in the Uttarkashi district of Uttarakhand.
Rising in the Himalayas and emptying into the Bay of Bengal, it drains one-fourth of the territory of India, and its basin supports hundreds of millions of people.

(a) SRQP

(b) SPRQ

(c) SPQR

(d) SQPR

Answer: (a)

88. Select the word that is opposite in meaning (ANTONYM) to the word given below Emancipate

(a) Enslave

(b) Independent

(c) Liberated

(d) Conjoin

Answer: (a)

89. Select the word that is opposite in meaning (ANTONYM) to the word given below.
Impertinent

(a) Insolent

(b) Personal

(c) Polite

(d) Irrelevant

Answer: (c)

90. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.

(a) mideval

(b) medevil

(c) medieval

(d) medeval

Answer: (c)

91. Four words are given, out of which only one wo s spelt correctly. Choose the correctly spelt word.

(a) mischevous

(b) mischievious

(c) mischevious

(d) mischievous

Answer: (d)

92. Select the most appropriate meaning of the given idiom.
The Last Straw

(a) A paranormal sense that allows you to communicate with the dead.

(b) There are two choices and you have them both.

(c) While the bigger and stronger opponent might be a lot more difficult to beat, when you do beat them they suffer a much bigger loss.

(d) When one small burden after another creates an unbearable situation, the last straw is the last small burden that one can take.

Answer: (d)

93. Select the most appropriate meaning of the given idiom.
Pull the plug

(a) To tell noisy person or a group to be quiet.

(b) To stop something. To bring something to an end.

(c) Tricking someone as a joke.

(d) Destroy or ruin a plan.

Answer: (b)

94. Select the most appropriate 'one word ' for the expressions given below Happening, done, or published after someone's death

(a) Posthumous

(b) Post-mortem

(c) Polyglot

(d) Prima facie

Answer: (a)

95. Select the most appropriate 'one word ' for the expressions given below.
Treating something or someone with lack of seriousness or due respect

(a) Intransigent

(b) Inundate

(c) Levity

(d) Kakistocracy

Answer: (c)

97. Since which year has the sales of fizzy drinks been declining in the US?

(a) 1997

(b) 1993

(c) 1998

(d) 1992

Answer: (c)

98. What is the growth rate of fizzy drinks in the Indian market?

(a) 35 percent

(b) 40 percent

(c) 10 percent

(d) 25 percent

Answer: (c)

100. Which of the following is an aerated drink?

(a) Cola

(b) Buttermilk

(c) Lassi

(d) Iced tea

Answer: (a)

Discipline1

101. In which of the following motions, is the flow of liquid zigzag and random?

(a) Stream line motion
(b) Turbulent motion
(c) Rotational motion
(d) Oscillatory motion

Answer: (b)

102. Which of the following is a sensitive electromagnetic device which can measure low currents?

(a) Galvanometer
(b) Current clamp
(c) Ammeter
(d) Multimeter

Answer: (a)

103. What is the function called when dependent & independent both variables are combinedly expressed and cannot be separated?

(a) Implicit function
(b) Explicit Function
(c) Composite Function
(d) Transcendental Function

Answer: (a)

104. If Erina only speaks English and visits a tourist place where people can only speak French, what is the barrier that's restricting them to communicate?

(a) Prejudice
(b) Environment
(c) Language
(d) Culture

Answer: (c)

105. Which of the following is not a part of 3P's of public speaking?

(a) Prepare
(b) Practice
(c) Perform
(d) Personalize

Answer: (d)

106. Identify the communication style:
"I'm superior and right and you're inferior and wrong."

(a) Aggressive
(b) Passive-Submissive
(c) Passive-Aggressive
(d) Assertive

Answer: (a)

107. Which of the following is not an element of dimensioning?

(a) Projection line
(b) Dimension line
(c) Dimensional text
(d) Tangent line

Answer: (d)

108. What is not a common view in orthographic projection drawing?

(a) Front View
(b) Bottom View
(c) Top View
(d) Side View

Answer: (b)

109. Which of the following is not a method of drawi sometric projection?

(a) Box method
(b) Parallelogram method
(c) Offset Method
(d) Coordinate Method

Answer: (b)

110. What allows packets of digital information to be sent across networks and then reassembled once it reaches its destination?

(a) FTP
(b) TCP
(c) SMTP
(d) MIME

Answer: (b)

111. Which of the following Database language commands are used for security?

(a) Data Manipulation Language Commands
(b) Data Definition Language Commands
(c) Data Control Language Commands
(d) Transaction Control Language commands

Answer: (c)

112. Where can you not specify CSS style rules?

(a) Inline
(b) Internal stylesheet
(c) External stylesheet
(d) Doctype

Answer: (d)

113. What is property of a capacitor which opposes the flow of current in AC circuits called?

(a) Capacitance
(b) Resistance
(c) Capacitive Reactance
(d) Inductance

Answer: (c)

114. Which of the following is not a semiconducting element?

(a) Diamond
(b) Glass
(c) Gallium
(d) Germanium

Answer: (b)

115. If (Resistance^2) < 4x(Inductance)/(Capacitance) then the RCL circuit is?

(a) Under damped
(b) Over damped
(c) Critically damped
(d) Not damped

Answer: (a)

116. What is ratio of output voltage to input voltage of an amplifier called?

(a) Amplification exponent
(b) Amplification constant
(c) Amplifier gain
(d) Amplifier loss

Answer: (c)

117. What is electrons hopping from atom to atom, driven along by the applied electric potential called?

(a) Flow
(b) Voltage
(c) Resistance
(d) Electromagnetism

Answer: (a)

118. What is the name for the extraneous peaks in the Fourier series of a square wave that never disappear?

(a) Laplace phenomenon
(b) Lagrange phenomenon
(c) Monge phenomenon
(d) Gibb's phenomenon

Answer: (d)

Discipline2

122. What is list of new jobs waiting to use processor called?

(a) Long term queue
(b) Stack
(c) Heap
(d) Program Counter

Answer: (a)

123. Which of the following is not an operating system?

(a) Solaris
(b) FreeBSD
(c) Linux
(d) JVM

Answer: (d)

124. Which of the following is a security th in C

(a) Segmentation
(b) Buffer Overrun
(c) Paging
(d) Virtualization

Answer: (b)

125. Which of the following is not a database?

(a) Datacom
(b) Oracle Lite
(c) DB2
(d) Tandem

Answer: (d)

126. Which database contains a wide variety of data used in multi discipline?

(a) Discipline specific database
(b) General purpose database
(c) Analytical database
(d) Operational database

Answer: (b)

127. Hiding information (e.g. salary) for security purposes is achieved on which level of abstraction?

(a) Physical level
(b) Logical level
(c) View level
(d) Architecture level

Answer: (c)

129. Which of the following is incorrect in CSS?

(a) h1 { }
(b) .box { }
(c) #unique { }
(d) { }*

Answer: (d)

130. What is displayed on the top of a browser window?

(a) Paragraph
(b) Body
(c) Title
(d) Comments

Answer: (c)

131. Majority of TTL and CMOS ICs are designed to ru ff at what voltage?

(a) 5 V
(b) 0V
(c) 1V
(d) 2V

Answer: (a)

132. Bubbles are simplified expressions for which gates?

(a) AND gate
(b) OR gate
(c) NOT gate
(d) NAND

Answer: (c)

133. What is number of operations per second the processor can perform called?

(a) Bandwidth
(b) Clock Speed
(c) Data processing
(d) Word Length

Answer: (b)

134. What is built by the manufacturer in a computer's hardware to connect it to a network?

(a) Network interface card
(b) Operating system
(c) CAT Cabling
(d) Ethernet

Answer: (a)

135. In which of the following a piece of information is sent from one point to all other points during communication in a network?

(a) Unicast
(b) Multicast
(c) Broadcast
(d) Multiplexing

Answer: (c)

136. What is slow because it has to examine more of the packet to make routing decisions?

(a) Hub
(b) Bridge
(c) Router
(d) Switch

Answer: (c)

137. What is a collection of tools for network monitor and control?

(a) Network management system
(b) Network administration
(c) Network controllers
(d) Service provider

Answer: (a)

138. Which of the following is not an example of Regional Bell Operating Companies?

(a) Bell Atlantic
(b) Lumen Technologies
(c) Pacific Telesis
(d) Spyder

Answer: (d)

139. Which of the following network technology is not based on scale?

(a) LAN
(b) WAN
(c) VPN
(d) Multipoint

Answer: (d)

140. How is encapsulation achieved in object oriented programming?

(a) Class
(b) Member functions
(c) Friend functions
(d) Virtual functions

Answer: (a)

Discipline3

141. What represents real world entities that have both data type properties and associated operations?

(a) Object
(b) Class
(c) Member functions
(d) Friend functions

Answer: (a)

142. Which of the following is not an application of OOP?

(a) Real-time system
(b) Object-oriented data bases
(c) AI and expert systems
(d) SQL loading

Answer: (d)

146. What is the document hierarchy that g[illegible]br[illegible]ers cues on how to handle the content called?

(a) Document Object Model
(b) Doctype
(c) Semantic markup
(d) Elements

Answer: (a)

147. What controls the design of a web page?

(a) Document Object Model
(b) Header
(c) Style sheets
(d) Body

Answer: (c)

149. What is an individual who tries to create something new, organises production and undertakes risk called?

(a) Manager
(b) Entrepreneur
(c) Industrialist
(d) Philanthropist

Answer: (b)

150. Which of the following is not a characteristic of an entrepreneur?

(a) Risk bearer
(b) Hard work
(c) Unclear objectives
(d) Independence

Answer: (c)

151. Which of the following is not a type of entrepreneur?

(a) Innovating Entrepreneur
(b) Imitative Entrepreneur
(c) Drone Entrepreneur
(d) Economic entrepreneur

Answer: (d)

152. Which is the second most spoken language of United States of America?

(a) English
(b) Chinese
(c) Spanish
(d) German

Answer: (c)

153. What is used in Computer Graphics to set the size of an object, that is, to make it bigger or smaller by some specified factor?

(a) Transformation
(b) Scaling
(c) Rotation
(d) Translation

Answer: (b)

154. What is the final step in 3D graphics to assign colors to individual pixels in the 2D image called?

(a) Rasterization
(b) Animation
(c) Transformation
(d) Projection

Answer: (a)

155. What is the software applications that automate the marketing, selling and service functions of businesses called?

(a) Customer relationship management
(b) Web Automation
(c) Supply chain management
(d) Cloud service provider

Answer: (a)

156. Which of the following is not a vendor of CRM software?

(a) Salesforce
(b) SAP
(c) Microsoft
(d) Google

Answer: (d)

157. What is the period of investigation and testing during which the parties explore each others 'capabilities and performance called?

(a) Attraction
(b) Exploration
(c) Communication
(d) Bargaining

Answer: (b)

158. What are organisations that add specific value to the bearer services provided by the network operators called?

(a) Service Providers
(b) IT technician
(c) Stakeholders
(d) Customers

Answer: (a)

159. Which technique is employed in a telephone ne ork?

(a) Routing
(b) Packet switching
(c) Circuit switching
(d) Fast packet switching

Answer: (c)

160. Which of the following is not a GSM network area?

(a) Cell
(b) Location Area
(c) MSC/VLR Service Area
(d) Geospatial area

Answer: (d)

Discipline4

161. What describes a person's degree of intellectual curiosity, creativity, appreciation for art, emotion, adventure, unusual ideas and curiosity?

(a) Openness to experience
(b) Conscientiousness
(c) Extraversion
(d) Agreeableness

Answer: (a)

162. What involves formal and informal activities that put people in the role of leaders, guides, teachers, and managers for helping them realize their full potential?

(a) Physical Education
(b) Information Technology
(c) Personality development
(d) Management

Answer: (c)

163. When you know you are appropriately attired and groomed, what does it help in?

(a) Being egoistic
(b) Boosting confidence
(c) Developing English accent
(d) Boasting about yourself

Answer: (b)

164. Which of the following is not a part of SWOT a /sis?

(a) Strength
(b) Weakness
(c) Opportunity
(d) Time

Answer: (d)

165. What is an attempt to exploit a computer system or a private network inside a computer?

(a) Trespassing
(b) Eavesdropping
(c) Hacking
(d) Phishing

Answer: (c)

166. What is the malicious code that is installed in the host machine by pretending to be useful software called?

(a) Virus
(b) Trojan Horse
(c) Worms
(d) Adware

Answer: (b)

167. What are appliances that monitor malicious activities in a network, log information about such activities, take steps to stop them, and finally report them called?

(a) Intrusion Detection Systems
(b) Message filtering
(c) Encryption
(d) Content filtering

Answer: (a)

168. If your laptop is infected by a malware after you opened an online advertisement, then what is it called?

(a) Phishing
(b) Patching
(c) Malvertising
(d) Exploit

Answer: (c)

169. When you use cellphone for conducting business, what is it called?

(a) E-Commerce
(b) M-Commerce
(c) T-Commerce
(d) V-Commerce

Answer: (b)

170. Which of the following is not an example of m-[illegible]merce?

(a) Movie Ticketing
(b) Money Transfer
(c) Bill payments
(d) Buying from ration shop

Answer: (d)

171. Which of the following is not a future scope for E-commerce?

(a) Personal Disposable Income will continue to rise
(b) Number of active Internet users in India is poised to rise
(c) Online transactions will decrease
(d) Demand for debit and credit cards will see a rise

Answer: (c)

172. What is provisioning of financing instruments to business organisations using electronic tools called?

(a) E-Finance
(b) E-commerce
(c) E-banking
(d) E-trading

Answer: (a)

173. What is interconnection of two or more than two CPUs with memory as input-output apparatus called?

(a) Uniprocessor structure
(b) Multiprocessor structure
(c) Superscalar structure
(d) Distributed structure

Answer: (b)

174. In Single Instruction Single Data stream architecture, how many processing units are present?

(a) Only one
(b) Multiple
(c) Infinite
(d) Zero

Answer: (a)

175. In which model the physical memory is uniformly shared by all the processors?

(a) UMA
(b) NUMA
(c) COMA
(d) NORMA

Answer: (a)

176. How many phases are present in an instruction cycle?

(a) 2
(b) 4
(c) 5
(d) 7

Answer: (b)

177. Anything involved in the creation or manipulation of images on computer, including animated images is called _____.

(a) Photoshop
(b) Computer graphics
(c) Illustration
(d) Painting

Answer: (b)

178. Colour values for the pixels on the screen are stored in a big memory block called _____.

(a) Colour memory
(b) Frame buffer
(c) Main memory
(d) Circular buffer

Answer: (b)

179. Which of the following is not a graphic program?

(a) Adobe Photoshop
(b) Adobe Illustrator
(c) Gimp
(d) Adobe Acrobat

Answer: (d)

180. Which of the following uses lossless data compression?

(a) JPEG
(b) SVG
(c) GIF
(d) MPEG

Answer: (c)

Discipline5

181. Which of the following is used to hold a job/work?

(a) Vice
(b) Hammer
(c) Caliper
(d) Chisel

Answer: (a)

182. What is used to mark out work in a permanent nner?

(a) Scribing block
(b) Divider
(c) Punch
(d) Caliper

Answer: (c)

183. What is flux coating made of?

(a) Ferrous alloys
(b) Aluminium
(c) Copper
(d) Zinc

Answer: (a)

184. What is lack of thorough and complete union between parent metal and metal deposited by electrodes called?

(a) Undercut
(b) Poor fusion
(c) Inclusion
(d) Cracks

Answer: (b)

185. Which of the following is an example of Industrial Manufacturing project?

(a) Irrigation
(b) Agriculture
(c) Quarrying
(d) Metal fabrication

Answer: (d)

186. What is computer design model that uses a single storage model to hold both instructions and data called?

(a) Flynn
(b) Harvard
(c) Von Neumann
(d) Berkley

Answer: (c)

187. If Ram is joining two pieces of metal with filler metal that melts over 450 degree C, what is he doing?

(a) Welding
(b) Soldering
(c) Brazing
(d) Adhesive bonding

Answer: (b)

188. Which welding is not suitable for heavy sectior

(a) Electric arc welding
(b) Stick welding
(c) Gas welding
(d) Flux welding

Answer: (c)

189. If a businessman writes and receives letters in his daily activities, what is it called?

(a) Letter Writing
(b) Business Correspondence
(c) Trading
(d) Communication

Answer: (b)

190. Which of the following is not an importance of business correspondence?

(a) Help in maintaining proper relationship
(b) Serves as evidence
(c) Expensive and inconvenient mode
(d) Help in expansion of business

Answer: (c)

191. Which of the following is not present in a good business letter?

(a) Obscurity
(b) Accuracy
(c) Simplicity
(d) Courtesy

Answer: (a)

192. What is the formal way of saying "Lunch is no problem" in Interoffice e-mails?

(a) Lunch is not a problem
(b) Lunch can be brought
(c) They can buy some lunch for you all
(d) They would be pleased to cater a lunch

Answer: (d)

193. Which of the following is not written in a formal letter?

(a) Yours faithfully
(b) Yours sincerely
(c) Yours truly
(d) Yours lovingly

Answer: (d)

194. Why is a recovery letter written?

(a) To collect money without annoying the custo s
(b) To create new opportunities
(c) To complain about product
(d) To ask for a quotation

Answer: (a)

195. Identify the type of letter from content given below:
We are dealing in retail trade of electrical appliances. We would be interested in selling your product, Bharat Fans through our retail showroom.
Could you, therefore, send us your quotations and let us know the terms and conditions of payment.

(a) Order letter
(b) Enquiry letter
(c) Complain letter
(d) Recovery letter

Answer: (b)

196. Which of the following action is not found in adjustment letters with reference business correspondence?

(a) refund
(b) replacement
(c) credit
(d) penalty

Answer: (d)

197. What is the first component of a report structure?

(a) Summary
(b) Contents page
(c) Title page
(d) References

Answer: (c)

198. Where in a report do we draw together the information already presented?

(a) Introduction
(b) Conclusion
(c) Recommendations
(d) Result

Answer: (b)

199. What is distance between the given axis and the centre of mass of the body called?

(a) Torque
(b) Radius of gyration
(c) Centroidal axis
(d) Angular momentum

Answer: (b)

200. On which principle does LASER work?

(a) Stimulated emission
(b) Total Internal Reflection
(c) Refraction
(d) Remote sensing

Answer: (a)

Answer key

Answer key from the Delhi Subordinate Services Selection Board's official answer key for this sitting. "—" means the key gave none.

General Awareness

1	**(a)**	2	**(d)**	3	**(b)**	4	**(d)**	5	**(c)**	6	**(d)**	7	**(c)**	8	**(d)**				
9	**(a)**	10	**(a)**	11	**(d)**	12	**(d)**	13	**(a)**	14	**(c)**	15	**(d)**	16	**(a)**				
17	**(a)**	18	**(d)**	19	**(b)**	20	**(d)**												

General Ability

21	**(a)**	22	**(d)**	23	**(d)**	24	**(d)**	25	**(a)**	26	**(b)**	27	**(b)**	28	**(c)**				
29	**(b)**	30	**(b)**	31	**(c)**	32	**(d)**	33	**(a)**	34	**(b)**								

Arithmetic Ability

41	**(d)**	42	**(b)**	43	**(b)**	44	**(c)**	45	**(d)**	46	**(c)**	47	**(d)**	48	**(b)**				
49	**(c)**	50	**(b)**	51	**(c)**	52	**(b)**	53	**(c)**	54	**(a)**	55	**(b)**	56	**(a)**				
57	**(a)**																		

General English

81	**(c)**	82	**(b)**	83	**(d)**	84	**(b)**	85	**(d)**	86	**(a)**	87	**(a)**	88	**(a)**				
89	**(c)**	90	**(c)**	91	**(d)**	92	**(d)**	93	**(b)**	94	**(a)**	95	**(c)**	97	**(c)**				
98	**(c)**	100	**(a)**																

Discipline1

101	**(b)**	102	**(a)**	103	**(a)**	104	**(c)**	105	**(d)**	106	**(a)**	107	**(d)**	108	**(b)**				
109	**(b)**	110	**(b)**	111	**(c)**	112	**(d)**	113	**(c)**	114	**(b)**	115	**(a)**	116	**(c)**				
117	**(a)**	118	**(d)**																

Discipline2

122	**(a)**	123	**(d)**	124	**(b)**	125	**(d)**	126	**(b)**	127	**(c)**	129	**(d)**	130	**(c)**				
131	**(a)**	132	**(c)**	133	**(b)**	134	**(a)**	135	**(c)**	136	**(c)**	137	**(a)**	138	**(d)**				
139	**(d)**	140	**(a)**																

Discipline3

141	**(a)**	142	**(d)**	146	**(a)**	147	**(c)**	149	**(b)**	150	**(c)**	151	**(d)**	152	**(c)**				
153	**(b)**	154	**(a)**	155	**(a)**	156	**(d)**	157	**(b)**	158	**(a)**	159	**(c)**	160	**(d)**				

Discipline4

161	**(a)**	162	**(c)**	163	**(b)**	164	**(d)**	165	**(c)**	166	**(b)**	167	**(a)**	168	**(c)**				
169	**(b)**	170	**(d)**	171	**(c)**	172	**(a)**	173	**(b)**	174	**(a)**	175	**(a)**	176	**(b)**				
177	**(b)**	178	**(b)**	179	**(d)**	180	**(c)**												

Discipline5

181	**(a)**	182	**(c)**	183	**(a)**	184	**(b)**	185	**(d)**	186	**(c)**
187	**(b)**	188	**(c)**	189	**(b)**	190	**(c)**	191	**(a)**	192	**(d)**
193	**(d)**	194	**(a)**	195	**(b)**	196	**(d)**	197	**(c)**	198	**(b)**
199	**(b)**	200	**(a)**								