

2022 XI 11

0230

Seat No.

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Time : 1 Hour

FIRST-TERM

ELECTRONICS

FIELD TECHNICIAN

Subject Code

H	4	0	9	1
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Total No. of Questions : 20 (Printed Pages : 8)

Maximum Marks : 20

- INSTRUCTIONS :**
- (i) Every question has four choices for its answers (A), (B), (C) and (D) and only one of them is the correct answer.
 - (ii) On the OMR sheet, for each question number, darken with a ball point pen **ONLY ONE** bubble corresponding to what you consider to be the most appropriate answer, from among the four choices.
 - (iii) **Please note that it is not possible to change the answer once you have filled up the bubble with a ball point pen. Hence sufficient care must be taken while darkening the bubbles.**
 - (iv) For each question, you will be awarded **ONE** mark if you have darkened only the bubble corresponding to the correct answer. In all other cases, you will get zero mark. There is no negative mark.
 - (v) Only **one** OMR sheet will be provided.
 - (vi) Use only Black or Blue Ball Point Pen.

Choose and write the correct alternative (Option Number) from the options given below :

1. The non-verbal sign of active listening is

 - (A) Travelling
 - (B) Nodding
 - (C) Sleeping
 - (D) Standing

2. TCP/IP model consists of layers.

 - (A) 3
 - (B) 4
 - (C) 5
 - (D) 6

3. Modem, dial-up connection is used to connect

 - (A) Internet
 - (B) ISP
 - (C) LAN
 - (D) Virtual Private Network

4. Topology that uses co-axial backbone cable in its arrangements is

 - (A) Ring
 - (B) Bus
 - (C) Mesh
 - (D) Star

5. By default the text in the cells of Spreadsheet software is aligned.
- (A) Center
 - (B) Left
 - (C) Right
 - (D) Justify
6. Data unit at Datalink layer of the OSI model is called as
- (A) Bits
 - (B) Frame
 - (C) Packets
 - (D) Segments
7. The characteristic of an ideal message in communication is
- (A) Clean
 - (B) Loud
 - (C) Accurate
 - (D) Noisy
8. The size of IPv4 and IPv6 network address is
- (A) 128, 32
 - (B) 32, 128
 - (C) 32, 64
 - (D) 64, 32

9. formula is correct in spreadsheet application in case of addition of values.
- (A) =SUM(A1+A2)
 - (B) =A1*A2
 - (C) =(SUM(A1:A2)/A3)
 - (D) =A1 % A10
10. is not the physical sign of stress.
- (A) Breathlessness
 - (B) Cold hand and feet
 - (C) Good digestion and energetic
 - (D) Sweaty palms
11. Network topology where each system has dedicated connection to every other system without using a switch is called as topology.
- (A) Ring
 - (B) Mesh
 - (C) Hybrid
 - (D) Tree
12. GPO in Windows Server 2016 stands for
- (A) Group Policy Obligation
 - (B) Group Political Obligation
 - (C) Group Policy Object
 - (D) Group Penalty Object

13. The command which is used to remove the files in linux is
- (A) delete
 - (B) rm
 - (C) dm
 - (D) erase
14. To ensure that data packets are deleted if destination PC is faulty or unavailable in Bus topology network, you will
- (A) Replace the PC with another PC
 - (B) Change the password of his computer
 - (C) Apply password to financial data sheet
 - (D) Leave it as it is hoping nobody opens it
15. In Linux, cd command stands for
- (A) Complete directory
 - (B) Create directory
 - (C) Current directory
 - (D) Change directory
16. The function key which needs to be pressed during reboot to enter safe mode of Windows Machine is
- (A) F8
 - (B) F5
 - (C) F3
 - (D) F7

17. Mumbai branch of BSI Bank have created a network for their loan department. But the network administrator Sahil wants to increase the number of devices connected in the network with ease of installation and management. He wants to provide a dedicated link to each device so as to reduce the traffic in the network. Which topology should BSI Bank use ?
- (A) Tree
 - (B) Bus
 - (C) Star
 - (D) Single node
18. Mona is helping her sister to overcome a personality disorder. She should
- (A) Shout at her
 - (B) Engage her in hobbies
 - (C) Send her to mental Asylum
 - (D) Avoid her
19. Switch works at layer of OSI Model.
- (A) Network
 - (B) Physical
 - (C) Application
 - (D) Segment
20. 192.168.0.1-ip address belongs to Class range of IP addresses.
- (A) A
 - (B) B
 - (C) C
 - (D) D

