

SISHYA SCHOOL, HOSUR  
FORMATIVE ASSESSMENT III - NOVEMBER 2016-17

CLASS : IX  
SUBJECT : FIT

Max. MARKS: 20  
Time: 50 Mins.

**General Instructions:**

Answer all questions after carefully reading the text.  
All questions are compulsory.

SECTION – A

I . Choose the best answer :

(5 x 1 = 5)

1. The device which allow computers to send files using the telephone network is \_\_\_\_\_.  
a) Modem                      b) Plotter                      c) Printer                      d) UPS
2. In fibre optics, the signal is \_\_\_\_\_ waves.  
a) Radio                      b) Micro                      c) Infrared                      d) Light
3. The largest network in the world is \_\_\_\_\_.  
a) Internet                      b) MAN                      c) LAN                      d) School networks
4. Which one of the following is not a guided medium?  
a) Fibre-optic                      b) Copper cable                      c) Atmosphere                      d) Twisted pair
5. What connects computer in a single location to other computers at far location?  
a) GUI                      b) LAN                      c) WAN                      d) Dial-up connection

II. Fill in the blanks:

(5 x 1 = 5)

6. PAN stands for \_\_\_\_\_.
7. Transmission media are usually categorized as \_\_\_\_\_ and \_\_\_\_\_.
8. A single computer on the network is called a \_\_\_\_\_.
9. The inner core of an optical fiber is \_\_\_\_\_ in composition.
10. A \_\_\_\_\_ is a group of computers connected together for sharing resources.

SECTION – B

III. Answer the following:

(5 x 2 = 10)

11. Aditi is interested in transferring few songs from her mobile phone to satyam's mobile phone. Suggest two suitable and simplest wireless options she may opt for doing the same.
12. Write a short note on various uses of internet .
13. Name some unbounded transmission media, explain any one.
14. What do the following abbreviations stand for : Wi-Fi , NIC, LAN, MAN
15. Define Hub.

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LN 6 –Communication Technology

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ANSWER KEYS

Q.NO.	ANSWER	SKILL	TIME	MARKS
<b>SECTION - A</b>				
I. 1	Modem	Knowledge	2	1
2	Light	Knowledge	2	1
3	Internet	Knowledge	2	1
4	Atmosphere	Analysis	2	1
5	WAN	Knowledge	2	1
II. 6	Personal Area network	Knowledge	2	1
7	Guided and unguided	Understanding	2	1
8	Server	Understanding	2	1
9	Glass fibre	Knowledge	2	1
10	Network	Knowledge	2	1
<b>SECTION - B</b>				
III. 11.	Bluetooth ,infrared	Analysis	5	1
	Social networking sites – whatsapp	Application		1
12.	To access information, mailing, Online shopping, Net Banking , Online chat, Social network sites	Knowledge	5	2
13.	Radiowave, microwave, satellite, Bluetooth , Infrared, Wi-fi, WiMax	Knowledge	5	2
14.	Wireless fidelity, Network Interface Card Local Area Network, Metropolitan Area Network	Knowledge	5	1 1
15.	Hub- the device which is responsible for linking all of the network's Ethernet cables at a central location and directing traffic to the other devices on the network.	Application Knowledge	5	1 1

Checking Answers 5 mins.