

SAINIK SCHOOL, AMARAVATHINAGAR

HOLIDAY HOMEWORK – 2019 – 2020

Class: X

Subject:

COMPUTER APPLICATIONS 165

S. NO	TOPIC	ACTIVITY	TIME PERIOD	SKILL ENHANCED / LEARNING OUT COMES	ANNEXURE NO
1	Computer Networks	Questions & Answers	1h	Understanding Applications	A
2	Communication Concepts	Questions & Answers	1h	Understanding Applications	B
3	Internet	Questions & Answers	1h	Understanding Applications Skill based	C
4	E-Commerce	Questions & Answers	1h	Understanding Applications Skill based	D
5	Project Work	Practical based	30hrs	Application oriented Knowledge based	E

Annexure:

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|----------|-------------------------------|---|
| A | Computer Networks | Descriptive Questions 5nos |
| B | Communication Concepts | Descriptive Questions 10nos |
| C | Internet | Simple Descriptive Questions 10nos |
| D | E-Commerce | Simple Descriptive Questions 5nos |
| E | Project Work | 01 Project on Benefits of Internet OR
Project on School Website (10 HTML Pages). |

TEACHER'S NAME: Mr Praveen M Jigajinni

SIGNATURE

Recommended By
Vice Principal

Approved By
Principal

SAINIK SCHOOL AMARAVATHINAGAR
SUMMER VACATION 2019-20
HOME WORK FOR CLASS X (COMPUTER SCIENCE)

COMPUTER NETWORKS

ANNEXURE A

1. What is TCP/IP? Explain.
2. Write down the Advantage of Intranet.
3. What is Extranet? Write down the advantages and disadvantages of Extranet.
4. Write down the Comparison between Intranet and Groupware.
5. Define computer network and write short note on the following types of computer network:
LAN, MAN, WAN, PAN.

COMMUNICATION CONCEPTS

ANNEXURE B

1. What do you understand by data communication?
2. What are the basics requirements for data communication?
3. What are various types of communication channels? Explain.
4. Differentiate between public and data network.
5. Describe advantages and disadvantages of computer network?
6. What is need & usages of the computer network?
7. What are the characteristics of the communication links?
8. Explain various types of communication services.
9. What do you understand by asynchronous and synchronous data transmission?
10. What do you understand by circuit switching?

ANNEXURE C

INTERNET

1. What is internet? Discuss its advantages & disadvantages.
2. Explain about internet and write its applications.
3. Explain main steps in evolution of internet.
4. Explain various network protocols.
5. What is World Wide Web (WWW)? Explain its following components:
(a) Web Site (b) Web server (c) Web Browse
6. What is E-mail? Explain about POP based & web based e-mail.
7. Explain process of sending & receiving e-mails? What are e-mail etiquettes?
8. What is portal? Explain.
9. What is Video Conferencing? Write down the components and applications of Video Conferencing.
10. What is Netscape navigator? Write down the feature of Netscape navigator.

ANNEXURE D

E-COMMERCE

1. What is the Difference between traditional commerce and e-commerce?
2. Write different divisions of e-commerce?
3. Write an advantages and disadvantages of e-commerce?
4. Write down the different applications of an e-commerce?
5. Describe the infrastructure of e-Commerce?

ANNEXURE E

PROJECT

1. SURF THE INTERNET AND MAKE A PROJECT ON BENIFITS OF INTERNET AND BRING PROJECT IN STICK FILE.
2. LEARN YOURSELF: CREATE A SCHOOL WEBSITE CONTAINING AT LEAST 10 WEBPAGES.