

CBSE | DEPARTMENT OF SKILL EDUCATION

INFORMATION TECHNOLOGY-(SUBJECT CODE-402)

Pre-Board-II

Class X (Session 2020-2021)

Max. Time: 2 Hours

Max. Marks: 50

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **21 questions** in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.**
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):**
 - i. This section has 05 questions.
 - ii. Marks allotted are mentioned against each question/part.
 - iii. There is no negative marking.
 - iv. Do as per the instructions given.
7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):**
 - i. This section has 16 questions.
 - ii. A candidate has to do 10 questions.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	____ keys reduce repetitive strain of typing.	1
ii.	Trisha is always tense during exam time. She is a sincere and studious student, but the thought of exams creates anxiety in her. Which stress management technique that you would suggest to help her? a) Yoga b) Exercise c) Vacation with Family d) All of these	1
iii.	The _____ tool is for helping people with low eye sight.	1
iv.	According to the concept of sustainable development, the environment and development are _____ issues. a) Inseparable b) Separate c) Independent d) None of these	1
v.	Accessibility setting can be done through control panel. (T/F)	1
vi.	Entrepreneurship has a crucial role in the _____ of the society. a) Evolution b) Planning c) Functioning d) None of these	1

Q. 2	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	_____ is not an instant messaging service. a) Skype b) Yahoo! Messenger c) Firefox d) Whatsapp	1
ii	Google Talk is integrated with _____.	1
iii	Yahoo messenger is a application based software. (T/F)	1

iv	A _____ is a device that converts digital computer signals into a form (analog signals) that can travel over phone lines and vice versa. a) Repeater b) Switch c) Router d) Modem	1
v	The paragraph group is under the _____ tab.	1
vi	Header and Footer text are visible in normal view. (T/F)	1

Q. 3	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	Krishna wants to make a flowchart for his programs in a Word document. Which option should he use to accomplish this task efficiently? a) Drawing/Shapes b) Symbols c) Pictures d) All of these	1
ii	A _____ is an organized collection of data.	1
iii	A _____ is a software package that can be used for creating and managing databases.	1
iv	Column of a table are termed as records and rows are termed as fields. (T/F)	1
v	A _____ is a model that you use to create other documents. a) Styles b) Template c) Wizard d) Sample	1
vi	Formulas in a Spreadsheet must begin with a _____ sign. a) \$ b) @ c) # d) =	1

Q. 4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	New record is added using a. Select query b. create table query c. update query d. insert query.	1
ii	Left and justify are examples of two types of a) Margins b) Paragraphs c) Orientation d) Alignments	1
iii	Which of these is a renewable source of energy? a) Coal b) Petrol c) Wind power d) Diesel	1
iv	_____ uses the keyboard as a pointing device instead of a mouse. a) MouseKeys b) Toggle key c) Filter key d) Sticky key	1
v	_____ statement is used to add one or more records to a database.	1
vi	_____ database is a type of database that stores data in several tables. a) Flat b) Relational c) both (a) and (b) c) None of them	1
Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	_____ is a wireless protocol for short-range network communication.	1
ii	A network that does not extend beyond the boundaries of the immediate town/city is called_____.	1
iii	Rudrakshh wants that the name column of a table must not be left blank. Help him to identify the field property for this purpose. a) Length b) Default c) Entry Required d) Format	1
iv	A WAN is usually limited to one office building. (T/F)	1
v	F11 function key automatically creates a chart of the selected worksheet data. (T/F)	1
vi	Digital signal is required by most phone lines. (T/F)	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)

Answer each question in 20 – 30 words.

Q. 6	How are serial keys different from Toggle keys?	2
Q. 7	What is computer network?	2
Q. 8	Describe some ways of managing stress.	2
Q. 9	What is a wireless network?	2
Q. 10	Write steps to give different Header text on even and odd pages of a document.	2

Answer any 4 out of the given 6 questions in 20 – 30 words each (2 x 4 = 8 marks)

Q. 11	Differentiate between Wi-Fi and Bluetooth wireless networks in terms of their range and speed.	2
Q. 12	What is the utility of text wrapping in a document?	2
Q. 13	What is meant by an entrepreneur?	2
Q. 14	Write the following terms in their full form: A. LAN B. CAN C. GAN D. WI-FI E. MBPS F. WLAN	2
Q. 15	What is meant by sustainable development?	2
Q. 16	What is footer text? Why it is given in a document?	2

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

Q. 17	How web based IM software is different from Application based software?	4
Q. 18	Write some steps to prevent the damage that industrial activities are causing to our environment.	4
Q. 19	Define the following terms. a. Primary key b. Query c. Form d. Report	4
Q. 20	How will you create a chart?	4
Q. 21	What does DBMS and RDBMS stands for? How is data organized in a RDBMS?	4