

Sample Paper –V

Information Technology-X

SECTION A: OBJECTIVE TYPE QUESTIONS

Q.1	Answer any 4 out of given 6 questions on Employability Skills (1*4=4 Marks)	Marks
(i)	Which of the following trap small children into inappropriate relations? (a) Online predators (b) Worm (c) Trojan Horse (d) Antivirus	1
(ii)	Shiv has to perform his best in the next cricket match so that he gets a chance to play for his school at the National level cricket tournament. He is anxious (worried or stressed). What he should do? (a) He should panic. (b) He should miss his sleep. (c) He should start worrying about it. (d) He should go to the field and practise.	1
(iii)	Radha gets up early morning and studies for her classes. Then she comes home , goes for her dance class and finishes her home-work before going to school. She does this all by herself. No one tells her to do it. This is which type of motivation? (a) Extrinsic motivation (b) Intrinsic motivation (c) Trait motivation (d) State motivation	1
IV	The owner of XYZ clothing wants to communicate to large number of people that 'XYZ Clothing will remain closed for customers on Sunday.'. Suggest him some effective way so that the same message may reach out to maximum number of people. (a) E-mail (b) Notices/ Poster (c) Meetings (d) Phone	1
(v)	Priyanka decides to sell her company tyres in Lucknow. It does not sell and she has a loss. She apologies to the people who work for her. She says she will plan better next time. She _____ (a) Takes responsibility for your mistakes (b) Thinks before making decision (c) Does not give up. (d) Is creative.	1
(vi)	One initiative was taken by Ministry of Railways in Varanasi and 6 Raibareilly where they introduced clay pots 'Kulhads' to replace plastic and paper cups and to bring back taste of tradition. The major advantages gained by using 'Kulhads' are to 1. reduce cutting of tree for making paper cups. 2. job creation for potters, which contributes to economy. 3. reduce plastic waste. 4. wastage of soil and effort in making it. Which out of the following is true? (a) 1, 2 & 4 (b) 1,2 & 3 (c) 3 & 4 (d) 4	1

Q.2	Answer any 5 out of the given 6 questions (1*5= 5marks)	
(i)	Which of the following is not a component of Office Suite? (a) Writer (b) Impress (c) Internet Explorer (d) Base	1
(ii)	Which of the following enables us to send the same letter to different persons? (a) Macros (b) Template (c) Mail Merge (d) None of the above.	1
(iii)	A pamphlet on Cyber Awareness has to be designed. Which out of the following Office Suite component be chosen to accomplish this task: a) Spreadsheet b) Digital Documentation c) Database Management d) Mail Merge	1
(iv)	Which out of the following is not a component of Graphic filter? (a) Invert (b) Smooth (c) Sharpen (d) Wrapping	1
(v)	Which of the following is the symbol of Non-Printing Characters icon on standard Toolbar: (a) ¥ (b) £ (c) ¶ (d) §	1
(vi)	While using mail merge which out of the following is not a valid database type in Database Wizard. (a) MySQL (b) Spreadsheet (c) Drawing (d) ODBC	1
Q.3	Answer any 5 out of given 6 questions(1*5=5 Marks)	
(i)	The data is entered in _____ form, by default, in Calc: (a) Forms (b) Queries (c) Macro (d) Table	1
(ii)	Shared workbooks don't allow : (a) Merging Cells (b) Conditional formatting (c) Inserting pictures/graphs/etc. (d) None of the above	1
(iii)	Rohan has created 12 worksheets, in a single workbook, for each month for the sale of medicines. To check the sale of entire year, he needs to prepare a single worksheet. Which out of the following feature will be helpful for him: (a) Goal Seek (b) Consolidate (c) Solver (d) Macro	1
(iv)	In Open Office Calc, _____ option under Tools menu, is the more elaborate form of Goal Seek. (a) Goal Seek (b) Link Data (c) Solver (d) None of these	1
(v)	In Open Office Calc , _____, adds data arranged in an array i.e, a group of cells with labels for columns/rows. (a) Range (b) Mail Merge (c) Subtotals (d) Scenario	1
(vi)	Richard wants to calculate how much the investment capital C would be required in order to attain an annual return of \$15,000, when the interest rate is 7.5%. Which feature of Open Office calc will him to achieve this. (a) Shared Spreadsheet (b) Goal Seek (c) Subtotals (d) Macro	1
Q.4	Answer any 5 out of given 6 questions (1*5= 5 marks)	
(i)	When primary key constraint is applied to one or more columns then it is known as: (a) Primary Key (b) Composite Key (c) Foreign Key (d) None of the above	1
(ii)	_____ data types in a database can be used for storing photos, music files etc. (a) Binary data type (b) Varchar datatype (c) Integer datatype (d) Boolean datatype	1
(iii)	Arvind wants to modify records in a database. Which statement should he use? (a) Order By (b) Update (c) Change (d) Select	1
(iv)	_____ if set yes then field will get the auto numeric value: (a) Default value (b) Required (c) AutoValue (d) Both (a) & (c)	1
(v)	In database, a _____ helps to display the data in a summarized manner. (a) Query (b) Report (c) Table (d) Subform	1
(vi)	There are _____ types of relationships in a table, in a database. (a) 2 (b) 3 (c) 4 (d) 5	1
Q.5	Answer any 5 out of given 6 questions (1*5= 5 marks)	
(i)	_____ generates visual warnings , such as blinking of title bar or a flashing border, whenever the computer generates sound. (a) Sound Sentry (b) Toggle Keys (c) Filter Keys (d) Sticky Keys	1

(ii)	A _____ is a software used to view websites and acts as an interface between the user and the World Wide Web. (a) ODBC (b) BSNL (c) Web Browser (d) MODEM	1
(iii)	While using internet, Programs such as _____ can be installed on Computer to track and transmit every key that is pressed on a keyboard (keystrokes) to unauthorized users: (a) Web Browser (b) Anti-virus (c) Cookies (d) Keylogger	1
(iv)	_____ could be software or hardware and can assist in keeping a computer and a network secure. It also analyses the network traffic and determine if the traffic should be allowed or not. (a) Firewall (b) Wi-MAX (c) WWW (d) LAN	1
(v)	WordPress is free web service that you can use to create a beautiful _____. (a) Form (b) Website or blog (c) Word Document (d) Instant Messaging	1
(vi)	In www.cbse.nic.in , www stands for (a) World Wide Web (b) World Wide Weblink (c) Wide World Web	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2*3=6 marks) . Answer each question in 20-30 words.

- Q.6 Draw any two common signs used for Visual Communication. Explain what each conveys and where did you see it?
- Q.7 Differentiate between interests and Abilities (Strengths)?
- Q.8 Explain how Trojan Horse virus works.
- Q.9 What differences did you find between entrepreneurship and wage employment?
- Q.10 How can you become responsible Consumer for environment?

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

- Q.11 What do you understand by the term: a) Text Wrapping b) Anchoring
- Q.12 In Open Office Calc, what is the purpose of adding comments. How can we add comments to the changes Made?
- Q.13 Differentiate between relative and absolute hyperlinks.
- Q.14 How relationship can be established between two more tables in OpenOffice.org Base? Explain it.
- Q.15 What are the basic safety rules to be followed at workplace?
- Q.16 Mention the precautions that must be taken while doing online transactions?

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

- Q.17 (a) Explain Mail Merge with example?
(b) Write the steps of doing mail merge.
(c) What are its advantages?
- Q.18 (a) What are Macros?
b) How can we record a macro?
(c) How macros are useful to us?
- Q.19 What is meant by Computer Accessibility? Name any 3 accessibility options and how it useful.

Q.20 Consider the following table:

2+1+1

ID	NAME	CLASS	MARKS
101	Shayam	X	80
102	Johnson	X	98
103	Milkha Singh	X	95

- a) Write a SQL query to create the table PT1. [2 Marks]
- b) Write a query to insert new value to the table. [1 Mark]
- c) Write a query to update the record of ID=102. [1 Mark]

Q.21 Differentiate between:

2+2

- a) DDL and DML with example
- b) Char and Varchar