

SANJAY GHODAWAT INTERNATIONAL SCHOOL
COMPUTER SCIENCE – REVISION TEST -1
CLASS – XI (TERM -2 SYLLABUS)

Section –A		
Answer the following questions each question carries 2 marks		
QNO		MARKS
1	What is the result of L[2][1] and L[2:] if L = [12,3,(10,20),18]	2
2	a) Which of the following built-in function can't be applied on tuples a. sum() b. min() c. insert() d. len() b) Which of the following is not a sequence datatype. a. String b. List c. dictionary d. tuple	2
3	List out any 4 built - in functions in dictionary	
4	Create a dictionary with name student with given information Sid Sname 1 Mohit 2 KAMAL 3 Vikranth 4 Mukesh	
5	i) Which of the following does not come under cyber crime ? a. Cyber bullying b. cyber trolls c. theft of computer d. information theft ii) _____ is a program that appears harmless but actually performs malicious functions such as deleting or damaging files.	2
6	What is a cookie? Mention different types of cookies used by websites	2
7	Find the output of following code; T = tuple() T = T + ('python') print(T) print(len(T)) T1 = (10,20,30) print(len(T1))	2
Section –B		
Answer the following questions each question carries 3 marks		
8	Find and write the output of the following python code: TXT = ["20", "50", "30", "40"] CNT = 3 TOTAL = 0 for C in [7,5,4,6]: T = TXT[CNT] TOTAL = float(T) + C print(TOTAL) CNT = CNT + 1	3
9	Consider the following dictionary	3

	<p>Statecapital = { "Telangana": "Hyderabad", "Bihar": "Patna", "Maharashtra": "Mumbai", "rajasthan": "Jaipur" }</p> <p>Answer the following questions:</p> <ol style="list-style-type: none"> print(statecapital.get("Bihar")) print(statecapital.keys()) print(len(statecapital)) 	
10	<p align="center">Match the following terms with their definitions</p> <p>Terms</p> <ul style="list-style-type: none"> Phishing Vishing Malware Ransomware Pharming Piracy Malvertising <p>Definition</p> <ul style="list-style-type: none"> A Production and consumption of pirated music, software, games and video. B A specific kind of software that blocks the user from accessing their devices/systems until a ransom is paid. C A phishing scam that infects multiple users at once. D An act of using the telephone in an attempt to scam the user into surrendering private information that will be used for identity theft. E A cybercrime in which a website's traffic is manipulated and confidential information is stolen. F Process of using advertisements to infect devices and systems with malware. G Software designed with the intent to disrupt, damage, or gain unauthorized access to a computer system. 	3
Section –C		
Answer the following questions each question carries 4 marks		
11	<p>Predict output: D1 = {5: "number", "a": "string", (1,2): "tuple"} print("dictionary contents") for x in d1.keys(): print(x, ':', d1[x], end=" ") print(d1[x] * 3) print()</p>	4

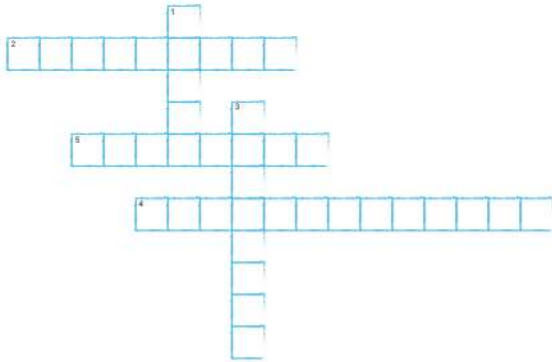
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DOWN

- 1. Software programs designed to corrupt computers
- 3. Software protecting incoming and outgoing network connections from unwanted access

ACROSS

- 2. Protection for your computer
- 4. Being troubled or embarrassed online
- 5. Trying to steal other people's sensitive information



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Situations ?

- A family friend is blackmailing you into sending inappropriate images to him.
- Your friend posts a picture of you without consulting you. When asked to remove the picture they refuse.
- On social media you have someone who stalks you and you want to make a complaint.
- A sport organisation does not let you apply for its online cricket training programme because you belong to a lower socio-economic background.
- Your school library bans an educational book that is appropriate for your age group.

Rights

- A** The right of access to redress and justice
- B** Children's right to leisure and age appropriate recreation
- C** The right to education and access to information
- D** Children's right to participation
- E** The right to be safeguarded from violence, abuse and exploitation

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