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SSC-I NATIONAL BOOK FOUNDATION FBISE

COMPUTER SCIENCE TEST - UNIT 6: IMPACTS OF COMPUTING

Name:		Roll No.		Section:

Total Time: 2:30 Hour
Time Allowed: 150 Minutes

Total Marks: 150

PAPER OBJECTIVE
SECTION-A (MARKS 150)

NOTE: Section-A is compulsory. All parts of this section are to be answered on these pages and handed over to the center superintendent. Deleting / overwriting is not allowed. Do not use lead pencil.

Q.1 Fill the relevant bubble for each part. All parts carry one mark.

Questions	A	B	C	D	A B C D
1. Safe use of computers is crucial to protect your privacy, data and:	only monitor	only mouse	only keyboard	general wellbeing	○○○●
2. Which of the following is a safe practice with passwords?	Share them with friends	Never reveal them to anyone	Write them on the monitor	Use the same one everywhere	○●○○
3. A strong password should contain:	only your name	letters, numbers and symbols	only your birth year	only 1234	○●○○
4. Scammers who pretend to be officials to trick you are using:	backups	cookies	freeware	phishing	○○○●
5. Before clicking a link in an email, you should check the:	sender's email address	colour of the email	font	length	●○○○
6. To protect your computer from viruses, you should use:	no software	only pirated software	unknown USB drives	updated antivirus software	○○○●
7. Antivirus software should be:	updated and used for regular scans	never updated	installed once and forgotten	turned off	●○○○
8. Making copies of important files in a safe place is called:	formatting	backup	phishing	pharming	○●○○
9. Public Wi-Fi networks are often:	always secure	encrypted by default	private	not secure	○○○●
10. On public Wi-Fi you should avoid:	reading news	watching videos	financial activities and accessing private data	searching Wikipedia	○○●○
11. A VPN stands for:	Very Public Network	Virtual Private Network	Virtual Public Node	Verified Private Network	○●○○
12. A VPN helps to:	speed up the monitor	encrypt your connection	delete viruses	print files	○●○○
13. For safe online shopping, a website address should begin with:	https://	http://	ftp://	www only	●○○○
14. A padlock symbol in the browser indicates:	a virus	a secure connection	a slow site	an advertisement	○●○○

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Questions	A	B	C	D	A B C D
15. Responsible use of hardware includes:	dropping devices	handling devices carefully and following guidelines	ignoring updates	using damaged chargers	○●○○
16. When upgrading devices, you should consider the effect on the:	colour	brand only	price only	environment	○○○●
17. Upgrading just because a new version is available creates more:	memory	speed	storage	waste	○○○●
18. Electronic waste is also called:	e-mail	e-cash	e-waste	e-book	○○●○
19. Proper disposal of old devices is called:	recycling	piracy	phishing	hacking	●○○○
20. Responsible use of software includes respecting software:	passwords of others	licenses	bugs	colours	○●○○
21. Using software in a way that violates copyright is:	illegal and unethical	ethical	allowed	required	●○○○
22. Which is an unethical use of software?	Updating software	Using a program to break into someone's computer	Using licensed software	Backing up files	○●○○
23. Which is an unethical use of software?	Spreading malware	Reading help files	Using privacy settings	Installing updates	●○○○
24. Which is an unethical use of software?	Using an antivirus	Cyberbullying someone	Making a backup	Learning to code	○●○○
25. Which is an unethical use of software?	Citing sources	Paying for a license	Using open source legally	Using software to steal someone's ideas	○○○●
26. Software privacy settings should be:	checked and adjusted	ignored	turned off	never changed	●○○○
27. The safe use of digital platforms includes protecting:	only your keyboard	personal information	only the monitor	only the mouse	○●○○
28. On social networks you should share only information that you:	are embarrassed about	want hackers to see	never tell anyone	are comfortable making public	○○○●
29. Laws that protect user privacy and intellectual property are made to:	harm users	help hackers	stop the Internet	protect users and creators	○○○●
30. Creating and using new or better computer processes, technologies and systems is:	computing innovation	computing piracy	computing waste	computing hacking	●○○○
31. Computing innovation improves hardware, software and:	only paper	only wood	networking	only glass	○○●○

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Questions	A	B	C	D	A B C D
32. Emerging technologies include AI, blockchain, quantum computing, VR and:	IoT	abacus	punch cards	vacuum tubes	●○○○
33. VR stands for:	Visual Radio	Virtual Reality	Virtual Router	Variable Rate	○●○○
34. Innovation in HCI focuses on improving how humans:	print documents	buy computers	repair screens	interact with computers	○○○●
35. HCI stands for:	Human-Computer Interaction	High Computer Input	Hardware Control Interface	Human Code Instruction	●○○○
36. Which is a computing innovation in medicine?	Using abacus	Using punch cards	Using vacuum tubes	Using AI to develop new cancer drugs	○○○●
37. Virtual reality is used to help people with:	printer problems	slow Internet	phobias and other mental health conditions	low storage	○○●○
38. Autonomous vehicles have the potential to make transportation:	slower	dirtier	more dangerous always	safer and more efficient	○○○●
39. A negative effect of computing innovation is concern about:	privacy and data breaches	cheap devices	fast Internet	better health	●○○○
40. Excessive screen time may lead to:	better sleep	more exercise	anxiety, depression and social isolation	higher marks	○○●○
41. The production and disposal of computing devices harm the:	keyboard only	wires only	environment	software only	○○●○
42. Digital addiction affects:	only batteries	only printers	mental health	only RAM	○○●○
43. Software designed to harm computers or networks is called:	malware	freeware	firmware	hardware	●○○○
44. Which of these is a type of malware?	Computer virus	Cookie	Freeware	Open source	●○○○
45. Which of these is a type of malware?	Open source	Shareware	Cookie	Ransomware	○○○●
46. Which of these is a type of malware?	Antivirus	Firewall	Trojan horse	Browser	○○●○
47. Tricking people to reveal sensitive information by fake emails or websites is:	pharming	cookies	phishing	spam	○○●○
48. Unauthorized access or manipulation of computer systems is called:	hacking	cookies	spam	freeware	●○○○

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Questions	A	B	C	D	A B C D
49. Unsolicited and irrelevant messages sent via email are:	cookies	spyware	spam	freeware	○○●○
50. Software that secretly collects user information without consent is:	freeware	spyware	open source	shareware	○●○○
51. Spyware that sends your online activity to advertisers is an example of:	antivirus	spyware	cookies	backups	○●○○
52. Redirecting website traffic to a fake site without the user's knowledge is:	phishing	pharming	spam	hacking	○●○○
53. Users who want a legitimate bank site and are redirected to a fraudulent one are victims of:	backups	cookies	pharming	freeware	○○●○
54. Small text files stored on a device with a user's website interactions are:	viruses	spyware	cookies	firmware	○○●○
55. Cookies are used to save login information and:	viruses	preferences	passwords of others	cables	○●○○
56. Deceptive schemes to trick people for money or information are called:	scams	cookies	freeware	updates	●○○○
57. An email saying you won a lottery but asking for bank details is a:	backup	cookie	license	scam	○○○●
58. Unauthorized copying or use of software without a license is:	freeware	open source	software piracy	backup	○○●○
59. Downloading a cracked version of paid software is:	freeware	open source	software piracy	a backup	○○●○
60. Software that is free to use without any payment is:	piracy	freeware	malware	spyware	○●○○
61. Software available free for a limited trial, with an option to purchase, is:	freeware	shareware	malware	spyware	○●○○
62. Software with publicly accessible source code that anyone can modify is:	open source	shareware	freeware	piracy	●○○○
63. An example of open-source software is:	Windows	Photoshop	MS Office	Linux	○○○●
64. Keeping personal information safe from unauthorized access is:	information piracy	information waste	information loss	information privacy	○○○●
65. Using complex passwords or encryption enhances:	piracy	privacy	spam	scams	○●○○

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Questions	A	B	C	D	A B C D
66. Measures that protect a system from unauthorized access are:	system piracy	system spam	system security	system waste	○○●○
67. Which of these is a security measure?	Spam	Scam	Piracy	Firewall	○○○●
68. Which of these is a security measure?	Phishing	Pharming	Spyware	Encryption	○○○●
69. Stricter privacy controls usually reduce:	security	passwords	encryption	usability (ease of use)	○○○●
70. Security measures like strong passwords may make a system:	less convenient to use	easier to use	slower to buy	free of risk	●○○○
71. The balance between privacy, security and ease of use is called:	upgrade	trade-off	backup	license	○●○○
72. A system that is easy to use but has little protection is high in usability but low in:	speed	security	colour	size	○●○○
73. Firewall, encryption and antivirus protect the:	colour of screens	speed of fans	confidentiality and integrity of information	price of devices	○○●○
74. False or misleading information is called:	information	data	misinformation	knowledge	○○●○
75. Information that is deliberately false and spread to deceive is:	disinformation	accurate information	a fact	a statistic	●○○○
76. Fake news is:	accurate news	false or misleading information presented as news	a cookie	a firewall	○●○○
77. Fake news spreads rapidly on:	printed books only	social networks	old radios only	none	○●○○
78. Social networks often lack mechanisms to:	share photos	add friends	verify the accuracy of shared information	send messages	○○●○
79. Fact-checking programs on social platforms are:	always perfect	banned	unnecessary	not foolproof	○○○●
80. Before sharing news online, you should:	verify the source	share quickly	ignore the source	add more details yourself	●○○○
81. Using online platforms to connect and share ideas with others is:	social networking	software piracy	hacking	phishing	●○○○
82. Which is a popular social networking site?	MS Word	Linux	Notepad	Instagram	○○○●

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Questions	A	B	C	D	A B C D
83. Which is a popular social networking site?	Excel	Oracle	MySQL	Facebook	○○○●
84. Which is a popular social networking site?	Photoshop	PowerPoint	Visio	Twitter	○○○●
85. Excessive use of social media can lead to:	better grades always	cheaper phones	faster Internet	addiction	○○○●
86. A benefit of social networking is:	virus spreading	privacy loss only	job loss only	communication and information sharing	○○○●
87. A harmful effect of social media is:	more storage	negative effect on mental well-being	faster computers	more RAM	○●○○
88. Computing has had an impact on personal, ethical, social, economic and:	animal aspects only	cultural aspects	mineral aspects only	solar aspects only	○●○○
89. Computing makes life easier through devices like:	smartphones and computers	only candles	only wooden tools	only books	●○○○
90. Computing supports online learning, remote work and:	only farming	only painting	health monitoring	only fishing	○○●○
91. Concerns over hacking and data breaches arise from:	use of paper	use of pens	collection of personal data	use of chalk	○○●○
92. Computing helps businesses through:	manual only work	automation and e-commerce	no communication	fewer customers	○●○○
93. Social media promotes cultural:	isolation only	hatred	diversity and understanding	ignorance	○○●○
94. Digital tools help to preserve:	only machines	only wires	only plastics	cultural heritage	○○○●
95. Globalization through computing connects:	only one country	only offices	people and businesses worldwide	only schools	○○●○
96. Computing supports international trade through e-commerce and:	digital payments	only barter	only letters	only telegrams	●○○○
97. E-commerce allows people to buy and sell products:	online from anywhere, anytime	only in markets	only on Sundays	only in cash	●○○○
98. E-commerce reduces the need for:	the Internet	computers	electricity	physical stores	○○○●
99. Safeguarding creations of the mind is called:	intellectual property protection	software piracy	data entry	cyberbullying	●○○○

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Questions	A	B	C	D	A B C D
100. Intellectual property includes inventions, designs and:	only computers	only wires	artistic works	only plastics	○○●○
101. A legal protection for inventions is a:	patent	copyright	trademark	license only	●○○○
102. A patent gives the inventor exclusive rights for a specified period, usually:	1 year	5 years	20 years	100 years	○○●○
103. A legal protection for original works such as books and software is:	copyright	patent	trademark	firewall	●○○○
104. A recognisable sign or logo that distinguishes products or services is a:	patent	trademark	copyright	cookie	○●○○
105. The Apple logo is an example of a:	trademark	patent	copyright	cookie	●○○○
106. A new useful gadget invented by someone can be protected by a:	patent	trademark	copyright	cookie	●○○○
107. Copyright gives the creator exclusive rights to:	copy anyone's work	hide the work	use and distribute the work	delete the work	○○●○
108. Intellectual property laws encourage:	piracy	hacking	creativity and innovation	spam	○○●○
109. Digital ethics means acting:	carelessly online	morally online	illegally online	secretly only	○●○○
110. Digital ethics includes avoiding:	using email	studying online	sharing safely	identity theft and hacking	○○○●
111. Knowledge about and application of defences against online dangers is:	software piracy	spyware	cybersecurity awareness	spam	○○●○
112. Protecting sensitive information through encryption and strong passwords is:	data piracy	data privacy	data waste	data loss	○●○○
113. Your online behaviour leaves a trail called your:	hard disk	digital footprint	virus	printout	○●○○
114. A digital footprint can affect your future:	prospects and reputation	only hardware	only keyboard	only mouse	●○○○
115. Which action helps keep a good digital footprint?	Posting private details	Insulting others	Posting responsibly	Sharing passwords	○○●○
116. Cyberbullying means:	harassing someone online	learning online	selling online	sharing music online	●○○○

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Questions	A	B	C	D	A B C D
117. If someone bullies you online, you should:	retaliate	ignore for ever	report it and tell a trusted adult	share it publicly	○○●○
118. Which one is the best way to create a strong password?	Your name only	A mix of uppercase, lowercase, numbers and symbols	1234	Your phone number	○●○○
119. Two-factor authentication adds:	a second layer of security	a virus	a cookie	a scam	●○○○
120. Why should you log out from a public computer?	To prevent others from accessing your account	To save electricity only	To make it faster	It is not needed	●○○○
121. Installing software updates helps to:	fix security vulnerabilities	slow the computer	increase viruses	delete files	●○○○
122. Opening attachments from unknown senders may:	install malware	speed up the PC	clean the system	improve security	●○○○
123. The padlock icon in the address bar and https:// show that the site:	is fake	has a virus	is slow	encrypts data	○○○●
124. Sharing your location publicly on social media is:	always safe	required	illegal	a privacy risk	○○○●
125. Which is NOT a safe online practice?	Using strong passwords	Updating antivirus	Backing up data	Sharing passwords with friends	○○○●
126. Which is the responsibility of a good digital citizen?	Hacking accounts	Respecting others online	Spreading rumours	Using pirated software	○●○○
127. A good digital citizen:	breaks laws	spreads malware	steals ideas	follows laws and ethics online	○○○●
128. Responsible computing means using computers:	carelessly	only for games	only for chatting	ethically and safely	○○○●
129. The environmental effect of the computing industry includes:	more trees	greenhouse gas emissions	less pollution	cleaner air	○●○○
130. Energy-efficient devices help to:	reduce environmental impact	increase waste	increase pollution	stop computers	●○○○
131. Recycling old computers helps to reduce:	memory	software	e-waste	passwords	○○●○
132. Computing innovations make it easier for governments and companies to:	destroy data	collect and store personal data	stop data	hide data	○●○○
133. Collection of data without informed consent raises concerns about:	price	speed	privacy	colour	○○●○

Questions	A	B	C	D	A B C D
134. Which of the following is the best way to avoid phishing?	Reply with your password	Forward the email to all	Do not click on suspicious links	Open all attachments	○○●○
135. A trojan horse malware usually pretends to be:	a harmless cookie	hardware	useful software	a printer	○○●○
136. Ransomware demands money to:	speed up your PC	clean your PC	restore access to your files	update your PC	○○●○
137. A computer virus usually spreads by:	clean installation	attaching itself to files	backups	encryption	○●○○
138. A firewall is used to:	create viruses	block unauthorised network access	send spam	store cookies	○●○○
139. Encryption converts data into:	a coded form	plain text	a virus	an image	●○○○
140. Which one is a good practice for backups?	Keep only one copy on the same PC	Never back up	Delete the originals	Keep copies in a safe place such as external drive or cloud	○○○●
141. Software licences are:	viruses	cookies	legal agreements about using software	hardware parts	○○●○
142. Sharing a paid software licence illegally with others is:	software piracy	backup	encryption	freeware	●○○○
143. Who owns the copyright of an original poem by default?	The creator	Anyone who reads it	The Internet	The browser	●○○○
144. Fair and respectful online behaviour is called:	piracy	phishing	netiquette	spoofing	○○●○
145. Netiquette means:	a type of malware	good manners on the Internet	a router setting	an antivirus	○●○○
146. Which of the following may reveal your identity to strangers online?	Using a nickname	Using a strong password	Logging out	Posting your address and school	○○○●
147. Which of the following is a safe way to use social media?	Accept all friend requests	Share your password	Adjust your privacy settings	Post your location always	○○●○
148. Keeping your operating system updated provides:	more viruses	slower speed	less storage	security patches	○○○●
149. Which one is an example of cyber crime?	Studying online	Sending a friendly email	Updating software	Hacking someone's account	○○○●
150. Reporting harmful online content helps to:	spread the content	make the Internet safer	hide the content	delete the Internet	○●○○

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