OL/2021(2022)/80/E-I, II	8639						
கிக்கு ல கிலிலி எதிதேலி / முழுப் பதிப்புரிமையுடையது /All Rights Reserved							
යි ලංකා විභාග දෙපාර්තමේන්තුව යි ලංකා විභාග දෙපාර්තඥීන් ලිංකාව විභාග ලෙදීපාර්තමේන්තුවා විභාග දෙප ඉහතිනෙස හිදී තමන් තිනමානිසංසර් මහතිකය යබ්දිනෙස් තීනාමාන්සණි හි මහතිනය යබ්දු කිනාමානිස්තිය මහතිකය Department of Examinations, Sri Lanka Department of Equipties හි සිද්දානයින් කිනාමානිස්තිය මහතිකය හි ලංකා විභාග දෙපාර්තමේන්තුව ශී ලංකා විභාග දෙපාර්තමේන්තුව හි ලංකා විභාග දෙපාර්තමේන්තුව ශී ලංකා විභාග දෙප මහතිකය යබ්දු නිනාමාන්සනයේ මහතිකය යබ්ද කාර්තමේන්තුව හි ලංකා විභාග දෙපාර්තමේන්තුව හි ලංකා විභාග දෙප මහතිකය යබ්ද කිනාමාන්සනයේ මහතිකය යබර කරන්න දේපාර්තමේන්තුව හි ලංකා විභාග දෙපාර්තමේන්තුව හා දෙපාර්තමේන්තුව හා සිදු සිදු සිදු සිදු සිදු සිදු සිදු සිදු	ப்பில்லில் குடையில் குடியில் குடியில் குடியில் குடியில் குடை குடியில் குடியில் குடியில் குடியில் குடியில் குடியில் குடை குடியில் குடியில் குடியில் குடியில் குடியில் குடியில குடியில்						
අධායන පොදු සහතික පතු (සාමාතා පෙළ) විභාගය, 2021(2022) கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2021(2022) General Certificate of Education (Ord. Level) Examination, 2021(2022)							
තොරතුරු හා සන්නිවේදන තාක්ෂණය I, II தகவல், தொடர்பாடல் தொழினுட்பவியல் I, II Information & Communication Technology I, II	<i>பூය තුනයි</i> முன்று மணித்தியாலங்கள் <b>Three hours</b>						
අමතර කියවීම කාලය - මිනිත්තු 10 යි மேலதிக வாசிப்பு நேரம் - 10 நிமிடங்கள் Additional Reading Time - 10 minutes Use additional reading time to go through the question paper, select the questions and decide on the questions that you give priority in answering.							
Information & Communication Technology	y I						
Instructions:							
* Answer all questions.							
<ul> <li>* Answer all questions.</li> <li>* In each of the questions 1 to 40, pick one of the alternatives (1), (2), (3), (4) which is correct or most appropriate.</li> </ul>							
* Mark a cross (X) on the number corresponding to your choice in	the answer sheet provided.						
* Further instructions are given on the back of the answer sheet.							
<ol> <li>Which of the following is an example for a data processing task of a user?</li> <li>(1) Installing word processing software in a personal computer</li> <li>(2) Formatting the hard disk in a personal computer</li> <li>(3) Reading an online newspaper using a web browser</li> <li>(4) Calculating the average marks obtained by a student using a spreadsheet software</li> </ol>							
<ol> <li>Which of the following group consists of only input devices?</li> <li>(1) Barcode Reader, CRT Monitor, Joystick</li> <li>(2) Barcode Reader, Plotter, Webcam</li> <li>(3) Keyboard, Mouse, Scanner</li> <li>(4) Multimedia Projector, Printer, Scanner</li> </ol>							
<ul> <li>3. Which of the following cannot be used to permanently store data?</li> <li>(1) Hard disk</li> <li>(2) Magnetic tape</li> <li>(3) Random Access Memory (RAM)</li> <li>(4) USB Flash Drive</li> </ul>							
<ul> <li>4. Which of the following correctly shows the given storage component system in descending order of their storage capacity?</li> <li>(1) Hard disk, Cache memory, Main memory</li> <li>(2) Hard disk, Main memory, Cache memory</li> <li>(3) Main memory, Cache memory, Hard disk</li> <li>(4) Main memory, Hard disk, Cache memory</li> </ul>							
<ul> <li>5. In a network topology, each network component is central node such as a hub or a switch.</li> <li>(2) mesh (3) ring (4)</li> </ul>	s physically connected to a star						
(1) bus (2) mesh (3) mig (4)							
<ul> <li>6. Krishna accessed the official web portal of the government of Sri I renew her vehicle revenue licence online. Which of the following set (1) G2B</li> <li>(2) G2C</li> <li>(3) G2E</li> <li>(4)</li> </ul>	Lanka (http://www.gov.lk) to rvices was obtained by her? ) G2G						

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	Consider the follo	wing segment of	f a marks	sheet ente	red into a	an electronic sp	readsheet to answer				
C	questions 13 and										
			(* fx =coun B	T(A1:DS)	D						
		1 Name	ICT	Maths	D Religion	E Total	9_				
		2 Sahan	60	55	70	TOLAT					
		3 Oshini	35	absent	60						
		4 Raji	75	65	absent						
		5 Pooja	55	45	. 75						
		6									
		7									
13. y	What is the corre Sahan?	ect formula to b	e entered	in cell ]	E2 to cal	culate the total	marks obtained by				
	(1) $=$ B2 + C2 + D2	2 (2) $B2 + C2$	+ D2	(3) E2=	B2 + C2 +	+D2 (4) E2->]	B2 + C2 + D2				
14. <sup>`</sup>	What will be the (1) 10	value displayed (2) 12	in cell A	(3) 16	formula =	COUNT(A1:D5 (4) 20	) is entered into it?				
15.	Which of the fol electronic present	lowing actions c ation?	an be us	ed to mo	ve to the	next slide in	a slide show of ar				
	A - Clicking	the "Left" buttor	of the	nouse dev	ice						
	B - Pressing	the "Ctrl" key o	of the key	board							
	C - Pressing	the "Right arrow	" key of	the keyb	oard						
	(1) A and B onl			(3) B a			D and C				
		(2) A and $(3)$	C Only	(5) <b>D</b> a		$\mathbf{y}$ (4) All A,	D and C				
16.	Which of the fol	lowing statement	s are cor	rect regard	ling relati	ional databases?					
		is a collection									
		is a collection of									
					es						
				C - A relational database is a collection of tables.							
	(1) A and B only (2) A and C only (3) B and C only (4) All A, B, and C										
•	Questions 17 to 1	19 are based on t	the follow	ing partly	shown d	atabase tables the	, B, and C nat are used to stor				
	Questions 17 to 1 data about studer	19 are based on t	the follow	ving partly nt details	shown d	atabase tables the					
	Questions 17 to 2 data about studer Student	19 are based on t nts, subjects and	the follow	ving partly nt details <b>Subject</b>	shown d in a scho	atabase tables th ol.					
	Questions 17 to 1 data about studer Student Student_ID	19 are based on the student of the student Name	the follow	ving partly nt details Subject Subjec	shown d in a scho et_ID	atabase tables the					
	Questions 17 to 1 data about studer Student Student_ID 1001	19 are based on the student_Name Saman	the follow	ving partly nt details Subject Subjec S00	shown d in a scho e <b>t_ID</b>	atabase tables th ol.	hat are used to stor				
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	Questions 17 to 1 data about studer Student 1001 1002 1003 1004	19 are based on the student_Name Saman Raj Sharaf	the follow	ving partly nt details Subject Subjec Soc Soc	shown d in a scho et_ID 01 02 03 04	atabase tables th ol. Subject_Name Chemistry Physics Combined Maths Geography	Teacher_Name Perera Selvam Nazwar Silva				
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	Questions 17 to 1 data about studer Student 1001 1002 1003 1004	19 are based on the student_Name Saman Raj Sharaf	the follow	ving partly nt details Subject Subjec Sou Sou Sou Sou	shown d in a scho et_ID 01 02 03 04	atabase tables th ol. Subject_Name Chemistry Physics Combined Maths Geography	Teacher_Name Perera Selvam Nazwar Silva				
	Questions 17 to 1 data about studer Student 1001 1002 1003 1004 Enroll	19 are based on the student_Name Saman Raj Sharaf Shane	the follow enrollmen	ving partly nt details Subject Subjec Subjec Subjec Subjec Subjec Subjec Subjec Subjec Subjec	shown d in a scho et_ID 01 02 03 04	atabase tables th ol. Subject_Name Chemistry Physics Combined Maths Geography	Teacher_Name Perera Selvam Nazwar Silva				
	Questions 17 to 1 data about studer Student 1001 1002 1003 1004 Enroll Student_ID 1001	19 are based on the student_Name Saman Raj Sharaf Shane Subject_ID S002	the follow enrollmen Da 04/01	ving partly nt details Subject Subject Subjec Subjec Subjec Subjec Subjec Subjec Subjec Subjec Subjec Subjec Subjec	shown d in a scho et_ID 01 02 03 04	atabase tables th ol. Subject_Name Chemistry Physics Combined Maths Geography	Teacher_Name Perera Selvam Nazwar Silva				
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19.	Shane dropped the "Geography" subject and enrolled for the "Political Science" subject. Which table/tables needs/need to be updated for this purpose?(1) Subject table(2) Subject table and Enroll table(3) Enroll table(4) Student table, Subject table and Enroll table						
20.	Which of the following is the correct HTML tag sequence for a web page?(1) HTML, Body, Title, Head(2) HTML, Head, Title, Body(3) HTML, Title, Head, Body(4) Head, Title, HTML, Body						
21.	<ul> <li>Which of the following statements are correct?</li> <li>A - HTML tags determine how the web pages are displayed in a web browser.</li> <li>B - A URL uniquely identifies a web page on the World Wide Web (WWW).</li> <li>C - Hyperlinks allow to link web pages on the World Wide Web.</li> <li>(1) A and B only (2) A and C only (3) B and C only (4) All A, B and C</li> </ul>						
22.	<ul> <li>What is the correct HTML statement for creating a hyperlink to the official web portal of the Government of Sri Lanka (http://www.gov.lk)?</li> <li>(1) <a href="http://www.gov.lk">Government of Sri Lanka Web Portal </a></li> <li>(2) <a> "http://www.gov.lk" </a> Government of Sri Lanka Web Portal</li> <li>(3) <a> src="http://www.gov.lk" </a> Government of Sri Lanka Web Portal</li> <li>(4) <a url="http://www.gov.lk">Government of Sri Lanka Web Portal </a></li> </ul>						
23.	Consider the following HTML statements for creating a table: <html> <body> Company Name  Contact Number Company Name  Contact Number Company Name 011-2222222</body></html>						
	(1) $\begin{array}{c c} ABC \ Ltd \\ \hline XYZ \ \& \ Sons \end{array} \begin{array}{c} 011-2222222 \\ \hline 011-9999999 \\ \hline 011-7777777 \\ \hline 011-7777777 \\ \hline 011-9999999 \\ \hline 011-7777777 \\ \hline 011-99999999 \\ \hline \end{array} $ (2) $\begin{array}{c} ABC \ Ltd \\ \hline 011-2222222 \\ \hline XYZ \ \& \ Sons \\ \hline 011-99999999 \\ \hline \end{array}$						
	(3) Company Name ABC Ltd XYZ & Sons Contact Number 011-2222222 011-7777777 011-99999999 (4) Company Name ABC Ltd XYZ & Sons Contact Number 011-2222222 011-7777777 011-99999999 011-7777777						
24.	Which of the following is a correct example for an Internet Protocol (IP) address?         (1) 172.64.85       (2) 172.64.85.24       (3) 192.214.78.80.1       (4) 192.214.78.256						
25.	Which of the following is the commonly used folder that stores deleted messages in an email system? (1) Draft (2) Inbox (3) Spam (4) Trash						

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26. Consider the following URL: http://www.nie.lk/index.html Δ Which of the following correctly identifies the parts A, B and C of the above URL? (1) A-domain name, B-protocol, C-top level domain (2) A-domain name, B-top level domain, C-protocol (3) A-protocol, B-domain name, C- top level domain (4) A-protocol, B- top level domain, C-domain name 27. Which of the following combinations correctly shows an internet service and its corresponding protocol? (1) Email, SMTP (2) WWW, FTP (3) Email, FTP (4) File Transfer, SMTP 28. Which of the following best describes the icon in GIMP image manipulation software? (1) blurs or sharpens an image (2) copy one part of a graphic to another part (3) lightens or darkens an image's shadows (4) removes unnecessary colours and spots in an image **29.** Consider the following statement with blanks labelled  $\triangle$  and B: having ......B..... colour variations, if represented with 8-bits. Which of the following is suitable to fill in the blanks labelled (A) and (B), respectively? (1) A: Red, Green, Blue **B**: 128 (2) A: Red, Green, Blue **B**: 256 (3) A: Yellow, Blue, Red **B**: 128 (4) A: Yellow, Blue, Red **B**: 256 30. A ..... spreads by inserting copies of itself into executable files in a computer. (1) computer worm (2) hijacker (3) spyware (4) trojan horse 31. Which of the following could arise due to the usage of ICT? A - e-waste problems B - security threats C - health hazards (1) A and B only (2) A and C only (3) B and C only (4) All A, B and C 32. Which of the following statements are true with regard to the pilot deployment of a new software system? A - The existing system is replaced by the new system as soon as its development is completed. B - Introduce the newly developed system to a selected set of users before making it available to all. C - The new system is deployed in stages and the success of each stage leads to the next stage. (3) C only (4) A and B only (2) B only (1) A only 33. Which of the following control structures can be used in an algorithm? A - Sequence **B** - Repetition C - Selection (4) All A, B and C (2) A and C only (3) B and C only (1) A and B only

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