 முழுப்பதிப்புரிமையுடையது [All Rights Reserved]

Provincial Department of Education, Northern Province

General Certificate of Education (Adv. Level) 3rd Term Exam – 2026

General Information Technology I ,II	3 hours and 10 Min

Instructions:

1. ***Answer all questions***
2. *Write your* ***Index Number*** *in the space provided in the answer sheet*
3. *In each of the questions 1 to 40, pick one of the alternative from (1),(2),(3),(4) which is correct or* ***most appropriate*** *and* ***marks your response on the answer sheet with a cross (×) in accordance with the Instruction given at the back of the answer sheet.***

1. Which of the following is an example for output device?
   (1) Keyboard
   (2) Barcode Reader
   (3) Web camera
   (4) Plotter
2. Which of the following is **not function** as both input and output device?
   (1) Touch Screen
   (2) Speaker
   (3) Headphone
   (4) Electronic Whiteboard
3. Which of the following device is working under magnetic technology?.
   (1) Harddisk
   (2) Memory card
   (3) Keyboard
   (4) Mouse
4. Which of the following is not a component of system?
   (1) Input
   (2) Process
   (3) Output
   (4) System Environment
5. Which of the following is an example for information?
   (1) Four students obtained marks 80,76,45,76 in maths.
   (2) Untitled map.
   (3) The pass percentage in GIT last year was 68%.
   (4) Symbols.
6. Which of the following component is found in CPU?
   (1) Register
   (2) RAM
   (3) Mother Board
   (4) ROM
7. Which of the following is a Software?
   (1) Monitor
   (2) Printer
   (3) keyboard
   (4) Operating System

Past Papers Wiki

 www.pastpapers.wiki [All Rights Reserved]

8. Which of the following is an example for open source operating system?
   (1) windows (3) Ubundu
   (2) Mac Os (4) ios
9. In Operating System CLI is stand for?
   (1) Command Line Interface (3) Command Line Instruction
   (2) Command Line Input (4) Cathode Line Interface
10. Which of the following is consider as Secondary Storage?
   (1) Register (3) RAM
   (2) harddisk (4) Cache Memory
11. Which of the following is a Binary equivalent of Decimal 42?
   (1) 101000 (2) 101001 (3) 101010 (4) 101011
12. Which one is Hexadecimal equivalent of Binary 1111_2?
   (1) 15 (2) 14 (3) E (4) F
13. Which one is Decimal equivalent of Binary 11101_2 ?
   (1) 28 (2) 29 (3) 30 (4) 32
14. Which of the following is consider as highest unsingned integer represented in 7 bits?
   (1) 255 (2) 128 (3) 127 (4) 7
15. Which of the following is a guided medium?
   (1) Radio wave (3) Twisted pair cable
   (2) Infrared ray (4) Microwave
16. Which device is used to transfer information from one network to another?
   (1) Modem (3) NIC
   (2) Rourter (4) Repeater
17. Which of the following short key used to reverse the last action you performed in Word processing document?
   (1) Ctrl + C (2) Ctrl + V (3) Ctrl + X (4) Ctrl + Z
18. Which of the following picture showing tool is used to find particular text in a word document?
   (1)  (2)  (3)  (4) 
19. Which of the following Alignment is used to makes the paragraph evenly on both left and right ?
   (1) Left (2) Center (3) Right (4) Justify
20. Which of the following function is used to find the highest value in a range of numbers in Spread Sheet
   (1) SUM( ) (3) MAX( )
   (2) AVERAGE( ) (4) MIN( )
21. Which one is **not consider** as a valued cell address in SpreadSheet?
   (1) A$3 (2) $A1 (3) A1$ (4) A1

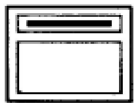
www.pastpapers.wiki | All Rights Reserved

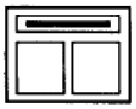
22. What is the value of this formula =5*8+2 - 4*2/4 written in Spread sheet cell?

(1) 19 (2) 39 (3) 40 (4) 48

23. Which of the following option is used in Power point to change the layout of style 1 to style 2 shown in the picture ?

(1) Slide Animation
(2) Slide layout
(3) Slide show
(4) Slide sorter


Style 1


Style 2

24. Which of the following option is used in Power point to move an image smoothly from left to rght in the slide ?

(1) Slide layout)
(2) Slide transition
(3) animation
(4) Slide design

25. Which of the following Object in MS Access is used to take print of table contains data?

(1) Report (2) Form (3) Query (4) Page

26. Which of the following data type is suitable for a field Present/Absent in the Student table?

(1) Yes/No
(2) Text
(3) Numbers
(4) OLE Object

27. Which of the following part in a table containing same data type in MS Access?

(1) Record
(2) Report
(3) Field
(4) Query

28. Which of the following colors are in RGB color model of digital graphics?

(1) Cyan , Magenta ,Yellow and Black
(2) Red , Green , Blue
(3) Rose, Gray , Black
(4) Red , Gray, Blue

PAST PAPERS WIKI

29. Which one is mostly used to record audio?

(1) .mp3 (2) .dob (3) .xlsx (4) .html

30. Which of the following is consider as an attribute of HTML tag?

(1) a (2) img (3) src (4) font

31. Which of the following is a heading Tag in HTML?

(1) <UL> (2) <OL> (3) <H1> (4) <P>

32. Unordered lists in HTML is consider as

(1) Items are display normally.
(2) Items are display in bullet.
(3) Items are display in Alphabetical order.
(4) Items are display in Numerical order.

 [All Rights Reserved]

33. Which one is a domain name of URL http://www.srilanka.lk/web/guest/welcome?

(1) www.srilanka.lk
(2) Srilanka.lk
(3) /web/guest/welcome
(4) .lk

34. Which language is used for developing website?

(1) HTML
(2) Pascal
(3) word Processing
(4) python

35. Which one is **not consider** as an advantage of cloud computing .

(1) Reduced software cost.
(2) Reduced maintenance cost.
(3) Need continuous internet connection.
(4) Update software immediately.

36. Which one is not a browser?

(1) Fire fox (2) Gmail (3) Safari (4) Chrome

37. A mail server providing email service is function as the traditional …….. Over a network.

Filling the blank with suitable word from below?

(1) Post box
(2) Post office
(3) Post man
(4) Stamp

38. Which one is used to send a received email to another person.

(1) Reply (2) Forward (3) Copy (4) Store

39. Which is **not true** regarding internet?

(1) No one is responsible for it.
(2) No centralized control.
(3) Network of networks.
(4) Information on the internet are accurate and reliability.

40. Which symbol is used in email?

(1) # (2) & (3) @ (4) $

 [All Rights Reserved]

General information Technology II

❋Answer only four questions

1. In ABC School, a report of advance level Physical science stream students prepared by a teacher using a spreadsheet is shown below.

	A	B	C	D	E	F	G	H
1	**Index No**	**Name**	**Com_Maths**	**Physics**	**Chemistry**	**Total**	**Average**	**Rank**
2	30221	M.Kmal	90	65	75	230	76.67	4
3	30222	P.Balasuresh	75	74	75	224	74.67	5
4	30223	S.Kajanthan	85	90	68	243	81.00	2
5	30224	A.Ananthkummar	65	78	77	220	73.33	7
6	30225	S.Kandeepan	68	58	55	181	60.33	10
7	30226	A.Partheepan	76	74	68	218	72.67	8
8	30227	S.Umakanthan	84	88	77	249	83.00	1
9	30228	T.Thiveekan	55	78	90	223	74.33	6
10	30229	M.M.Hammem	78	68	45	191	63.67	9
11	30230	S.Seetharam	86	84	68	238	79.33	3
12		**Highest Marks**						
13		**Lowest Marks**						

(1) Write down the function to find the total marks obtained by M.Kmal in cell F2? (2 Marks)

(2) Write down the function to find the average marks obtained by M.Kmal in cell G2? (2 Marks)

(3) Write down the function to find the rank obtained by M.Kmal in cell H2? (2 Marks)

(4) Write down the feature in spreadsheet to find the details of student obtatained marks above 75 in physics subject? (2 Marks)

(5) Write down the function to find the highest marks obtained in Com_Maths subject in cell C12? (2 Marks)

(6) Write down the function to find the lowest marks obtained in Com_Maths subject in cell C13 (2 Marks)

(7) Write down the steps to find the rank in ascending order. (2 Marks)

Past Papers Wiki

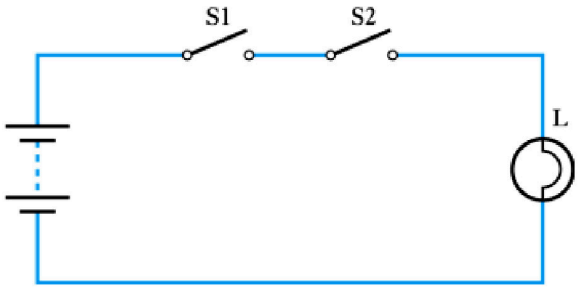
 [All Rights Reserved]

2. In computer system, logical gates are used to perform logical operation.

(1) Write down the symbol of Basic gate **OR** and **NOT** .

(2 Marks)

(2) Consider the following circuit.



i. Here S1 ,S2 are two switches and L is a bulb. Switches and bullb ON, OFF State 1 , 0 respectively.Write down the truth table for S1 , S2 , L .

(12 * 0.25 = 3 Marks)

ii. Write down the Boolean expression for the above truth table. (1 Marks)

iii. Which logic gate is describing the function of above circuit? (1 Marks)

(3) **Fill down the truth table for the Boolean Expression F= (A+B).(A'.B)+(A+B)'** .

(32 * 0.25 = 8 Marks)

Input		**A'**	**(A'.B)**	**(A+B)**		**(A+B)'**	**(A+B).(A'.B)**	**Output**
A	**B**							**F**

3. Nowadays,the use of electronic device is increasing rapidly. The use of computer and Cell phone is growing day by day.As a result, security and e-waste are also increasing.

(1) What is e-waste? (3 Marks)

(2) How to reduce the harm effect of e-waste? (3 Marks)

(3) Write down the **three** physical security measures to protect computer and Cell phones . (3 Marks)

(4) Write down the **three** Logical security measures to protect computer and Cell phones. (3 Marks)

(5) Write down the **three** precaution steps in usuage of internet. (3 Marks)

Past Papers Wiki

 [All Rights Reserved]

4. The following picture display the output of webpage in browser.

AI COURSE ENROLL NOW!

Artificial Intelligence (AI) Training Program

What You Will Learn

- Introduction to AI
- Using ChatGPT and AI Tools
- Prompt Engineering Basics

Who Can Join

1. students
2. Teachers
3. Professionals

Saturday	5am – 7am
Sunday	7pm – 9pm

Write down the HTML code for the above browser output? (15 Marks)

5. Following table contains details of teacher in a School.

Teacher_No	Name	Date_Of_Birth	Address	Salary
T001	Mr.M.Siva	10.05.1982	Colombo	85000.00
T002	Mrs.P.Gowery	02.03.1970	Kandy	120000.00

(1) Which software is used to maintain this data? (2 Marks)

(2) Which field is select as a primary key in above table? (2Marks

(3) Write down the data type of all fields in above table. (5Marks)

(4) Which object is used to fetch required data from a database with condition? (2Marks)

(5) How many Records in the above table? (2 Marks)

(6) How many field in the above table? (2Marks)

 [illegible] | All Rights Reserved

6. Email is used in office for communication and data transmission has increased nowadays .

(1) What is email? (2 Marks)

(2) What are the advantages and disadvantages of using email in office?

(4 Marks)

(3) Write down the answer for the following questions related to email from below list.

Spam/Junk , Inbox , Sign in , Drafts , Sign Out , Sign Up/Create an account , Sent , Trash/Delete ,

i. Which is used to create a new email account?

ii. Which is used to log into email account?

iii. Which is used to log out of an email account?

iv. Which is used to store all received emails?

v. Which is used to store all emails that have sent to others?

vi. Which is used to store all unwanted emails?

vii. Which is used to store deleted emails?

viii. Which is used to save unfinished email? (8 * 1 = 8 Marks)

PAST PAPERS WIKI
WWW.PastPapers.WiKi
Downloaded From Past Papers WiKi - Sri Lanka's Largest Past Papers Library