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Sabaragamuwa Provincial Department of Education

දෙවන වාර පරීක්ෂණය - 2018	11 ශ්‍රේණිය
Second Term Test – 2018	**Grade 11**

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Information and Communication Technology I	**One hour**

- Answer all questions.
- Each question carries one mark.

1. What is a data from those
    1. G.C.E. O/L results of 2017
    2. Monthly electricity bill of a house
    3. The highest score of a one day cricket match
    4. Capacity of a computer hard disk

2. Understand this picture find the correct statement.

Picture 1

Picture 2

    1. Bar code of picture 1 can be used to access a specified web site
    2. QR code of picture 2 can be used to access a specified web site
    3. QR code of picture 1 can be used to access a specified web site
    4. Barcode of picture 2 can be used to access a specified web site

3. What is the true statement about Hub and Switch
    A. Data transmission speed of switch is higher than Hub
    B. Hub transmits data to all the computers.
    C. Switch transmits data to appropriate computers
    D. Hub transmits data in simplex mode and switch transmits data in full duplex form.

    01. A,B,C   02. A,B,D   03. B,C,D   04. A,C,D

4 What is not a pointing device?

    01. light pen   02. joystick
    03. mouse   04. barcode reader

5   What is the true statement about output devices?

      A. Laser printers give high quality printouts.
      B. Ink jet printer is used to print the receipt of ATM machines.
      C. Cathode ray tube is higher radioactive device.

    01. Only A   02. Only B   03. A and C Only   04. All A,B,C

6   According to the highest capacity and highest access speed, what is the correct order,

      01. Magnetic tape ,RAM   02. Cache memory , Hard Disk

      03. Magnetic tape ,Registers   04. Hard Disk , cache memory

7   Capacity of a blue –ray disk is,

      01. 650-900 MB   02. 25-128 GB

      03. 4.7-9.4 GB   04. 1.44 MB

8   Name of this port is ,

      01. PS /2 port   02. HDMI port

      03. RJ 45 port   04. Parallel port

9   Example for unguided /wireless media

      01. radio waves   02. microwaves

      03. fiber optic cable   04. infrared

10   What is false statement about utility programs,

      1. Utility programs belong to Application software.
      2. Antivirus and backup software belongs to utility programs.
      3. Utility programs increase the efficiency of the operating system.
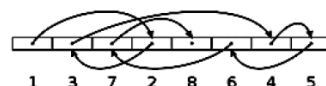   4. Utility programs manage the computer resources.

11   What is the programme which does Computer booting

      1. CPU
      2. RAM
      3. Bootstrap loader
      4. CMOS

12   A and B pictures show two different file accessing methods. They are

            A   B

01. Random access ,Direct access   02. Random access ,Sequential access

03. Direct access, Random access   04. Sequential access ,Random access

13 Which is nearly equal to two TBs?

     01. 2^{10}TB   02. 2×2^{20} MB   03. 2×2^{21} KB   04. $2^{10} \times 2^{10}$ MB

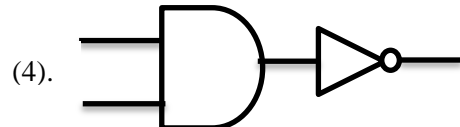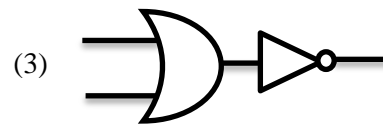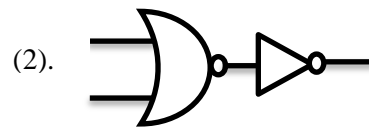14 What is the minimum number of bits which needs to represent ACE in Hexa deimals
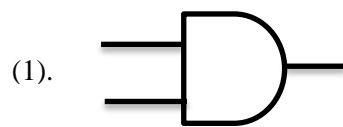
     01. 4   02. 8   03. 12   04. 9

15 Which logic gate is related to this truth table?

X	Y	F
0	0	1
0	1	0
1	0	0
1	1	0

16 A=10 , B=15, C= 20 : Consider X and Y logical expressions.

     X: (A>B) OR (C>B)   Y: NOT(A=B)

     Correct statement about X and Y logic gates?

   01. True, False   02. True, True   03. False, True   04. False, False

17 Consider following statements about Microsoft word.

     A. The file extension of Microsoft word 2013 is   .docx.

     B. The file extension of Libre Office writer is .odt.

     C. Passwords can be used for documents of Microsoft word 2013 and Libre Office writer

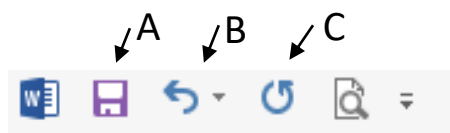   Correct statement,

   01. Only A   02. Only B   03. Only A and C   04. All A , B, C

18 A , B, C represents,

1. Redo,Save,Undo

2. Save,Undo,Redo

3. Undo,Sort,Redo

4. Undo,Save,Redo

19 Short cut key for creating a new word document is,

    01. Ctrl+N   02. Ctrl+O   03. Ctrl+A   04. Ctrl+S

20 Correct column absolute cell address is,

    01. H$23   02. H23$ 03. H23$ 04. $H23

21 Microsoft excel uses below formulas to calculate the values of cells

	M	N
1	65	
2	26	
3	30	
4		15
5		12

P=Average(M1:M3,N4:N5)
Q=(M1:M3+N4:N5)/5
R=Average(M1+M2+M3+N4+N5)
S=(M1+M2+M3+N4+N5)/5

Correct formula is,

    01. Only Q and R   02. Only P and R   03. Only P and S   04. All

22 In spread sheets, it shows like "#Value" in some cells. Which means,

1. The formula has errors
2. There is no enough space to insert data
3. Number divided by 0
4. Can't identify the inserted name or value

23 The answer of A1 =B2/B1*C3-B1^C3+A3 in Microsoft excel

01. 12
02. 09
03. 06
04. 03

	A	B	C
1		2	
2		8	
3	5		3

24 Consider the following statements on cloud computing.
A. It needs continuous internet connection.
B. Cost is higher for software and difficult to update software
C. All network computers and mobile devices are connected through wireless medium and Can attain information and store information at any time in any place
D. Less Maintenance problems and developed performance.

True statement/statements,

    01. Only A,B   02. Only A,B,C.   03. Only A,C,D   04. All of the above

25 What is the icon used in presentation software to start a slideshow from beginning,

01.   02.   03.   04.

26 Which is used in design animation to transition slides in Power point ?
    1. Slide Transition
    2. Animation Objects
    3. Animation Scheme
    4. Slide Design

27 Which is a feature to make relationships between two tables In database management
    1. Should not equal fields between two tables
    2. Should equal at least one field between two tables
    3. Should equal all the fields between two tables
    4. Should be Same fields between two tables

28 Answer from these tables

Office Table	කාර්යාල වගුව	
Off _ID	Off_name	Dept _ID
R001	Mr:Herath	DEP01
R002	Mr:Kumara	DEP02
R003	Ms: ranjani	DEP03

Visitors Table	ආගන්තුක වගුව	
Visitor _ID	Visitor_name	Off _ID
V18630	N perera	R001
V18631	A.M.K Malik	R001
V18632	S.A Chathura	R004
V18632	P.A Chathura	R002

    Which is a example for foreign Key?
    01. Office table - Off_ID   02. Visitors table-Off_ID
    03. Visitors table-Visitor_ID   04. Office table -   Dept _ID

29 No of repetitions in this loop ,
            S := 10;
            Repeat
            S := S +5;
            Writeln(S);
            Until S > 30 ;

        01. 1   02. 2   03. 4   04. 5

30 Which statement describes the output of the pascal .
    Writeln(X);
        1. Write the value of X variable in current output line and take the curser to the
            beginning of the next line .
        2. Write the value of X variable in current output line and take the curser to the next
            position of the same line.
        3. Write the value of X variable in current output line and take the curser to the
            beginning of the same line.
        4. Take the cursor to new line and write the value of x variable in new line.

31 The value of P equal to two,so Find the value of p after this loop execute?

for count:= 1 to 4 do

p:= p * count

01. 1   02. 10   03. 24   04. 48

32 (KMV:array[1..10] of string;)Which is the wrong statement about this   Pascal array

1. Can make a array which can store 10 items .
2. Can store 10 numeric data.
3. Can access array items from 0 to 9 index.
4. Can use to store data only 5 items .

33 **Program abc; Var x,y:integer; begin x:=1; y:=x+10; if y>10 then write(y); readln; end.**

Which is the correct statement about those commands?

1. It is uncompleted part of programming.
2. There are no essential parts so it can't be compiled.
3. It violates syntax rules .so it can't be compiled .
4. It is complete, the program can be executed.

34. Consider this code.

```
Program repetition ( input, output);
Var a , b : integer;
Begin
     a := 1;
     b := 0 ;
     Repeat
         a := a + 1 ;
         b := b + 1 ;
         write  ( a + b) ;
      Until a>5 ;
End.
```
What is the output of this?

01. 357911   02. 3,5,7,9,11   03. 3,5,7,9   04.
3
5
7
9
11

35 Development of Computer based information system, at first establishing small scale area belongs to ?

1. Direct deployment
2. parallel deployment
3. pilot deployment
4. phase deployment

36   Incorrect statement about IP address
1. IP addresses can be used to identify every computer in internet uniquely.
2. One IP address can have many computers within a network
3. Internet service providers give IP addresses.
4. IP address contain four numbers of decimal separated by dots from 0-255

37   Not valid IP address (IPv4)
1. 172.64.89.25
2. 255.255.255.1
3. 12.255.255.1
4. 225.256.200.20

38   URL is,
1. Uniform Resource Locator
2. Universal Resource Locator
3. Uninterrupted resource Locator
4. Uniform Regional Locator

39.   Not a advantage of cloud computing ,
1. Can update software instantly.
2. Low cost for software.
3. Low maintenance problems..
4. Need a continuous internet connection.

40. Amal created an e-mail, suddenly it closed before sending .In which folder is it saved ?
    01. Inbox   02. Out box   03. draft   04. trash