

DE MAZENOD COLLEGE, KANDANA

GENERAL INFORMATION TECHNOLOGY (GIT)

03rd Term Test 2016

Grade 12

Time: 01 Hour

Answer all questions on the answer sheet provided.

In each of the questions 1 to 40, pick one of the alternatives (1), (2), (3), (4) which is correct or most appropriate and mark your response on the answer sheet.

Each question holds equal marks (2.5x40=100 Marks)

- 1) The URL of the Department of Examinations in Sri Lanka is
 - (1) <http://www.doenets.lk>
 - (2) <http://www.doenets.lk>
 - (3) <http://www.donets.lk>
 - (4) None of these

- 2) WWW stans for
 - (1) World Wide Web
 - (2) World Wild Web
 - (3) World Wireless Web
 - (4) None of these

- 3) The data transferring speed of a router is measured by
 - (1) Mbps
 - (2) Kgps
 - (3) KHps
 - (4) None of these

- 4) Torch is a
 - (1) Search engine
 - (2) Virus guard
 - (3) Graphic designing software
 - (4) Web browser

- 5) The URL of National Institute of Education in Sri Lanka is
 - (1) <http://www.nei.lk>
 - (2) <http://www.nie.com>
 - (3) <http://www.nei.edu>
 - (4) <http://www.nie.lk>

- 6) The e-mail address of De Mazenod College, Kandana is
 - (1) demazenodnetwork@sch.lk
 - (2) demazenodcollege@gmail.com
 - (3) demazenodnet@gmail.com
 - (4) demazenodnetwork@yahoo.com

- 7) In a PC, an alphabetic, a numeric or a special character is represented by a
 - (1) bit
 - (2) megabyte
 - (3) byte
 - (4) kilobyte



- 8) 2048 GB is equivalent to
(1) 1000 MB (2) 2 TB
(3) 1 TB (4) None of these
- 9) According to Microsoft, what does the 'ME' in Windows ME stands for?
(1) Millennium Edition (2) Main Edition (3) Many Editions (4) None of these
- 10) Which of the following is a valid example for an e-mail address?
(1) ftp%ravi@gmail.com (2) amal.dmc@gmail.com
(3) kumari&dinithi@slt.lk (4) www.facebook.com
- 11) What is / are the key / keys that you have to press for having a screen capture
(1) Ctrl + P (2) Print Screen (3) Ctrl + C (4) None of these
- 12) What is the shortcut key for copy & paste
(1) Ctrl + C & Ctrl + V (2) Ctrl + C + V
(3) Alt + C & Alt + V (4) Ctrl + X + V
- 13) Each day, popular web pages receive millions of
(1) hits (2) graphics
(3) videos (4) advertisements
- 14) Starting a program or opening a file or opening a folder without having to go to its permanent location in windows explorer can be done using
(1) shortcut (2) icon
(3) notepad (4) recycle bin
- 15) PIN stands for
(1) Personal Identification No (2) Prior Identification No
(3) Personal Interior Nest (4) Punctuation Identification No
- 16) Microsoft Office Word 2010 is a
(1) Word Processing Software (2) Electronic Presentation Software
(3) Desktop Publishing Software (4) Electronic Spreadsheet Software

- 17) Adobe Photoshop is a
- (1) Word Processing Software (2) Database Management Software
(3) Image Editing Software (4) Name of a shop where photos are sold
- 18) The range of values in the Hexadecimal number system is
- (1) 0 – 10, A – F (2) 0 – 10, A – Z
(3) 0 – 9, A – F (4) None of these
- 19) What is the decimal equivalent of the binary value 10000100_2
- (1) 132 (2) 123
(3) 133 (4) 231
- 20) What is the base value of the octal number system?
- (1) 10 (2) 16
(3) 8 (4) 2
- 21) Who is the father of the computer?
- (1) Liyanado Davinchi (2) Charles Babbage
(3) Bill Gates (4) Alexandra Grahambel
- 22) The MSB and LSB of the decimal value 132 is
- (1) 1 & 1 (2) 0 & 0
(3) 1 & 0 (4) 0 & 1
- 23) $11101_2 + 1011_2$ is equivalent to
- (1) 101000_2 (2) 111111_2
(3) 1010101_2 (4) 1101001_2
- 24) The decimal equivalent of the octal number 176_8 is
- (1) 120 (2) 127
(3) 126 (4) 271



25) What is the binary equivalent of the decimal value 1?

- (1) 0
- (2) 1
- (3) 2
- (4) None of the above.

26) The least value digit/symbol & greatest value digit/symbol of $A8C_{16}$ is

- (1) C & A
- (2) A & C
- (3) 16
- (4) A & A

27) bit is short for

- (1) binary information technology
- (2) binary digit
- (3) binary digital technology
- (4) binary inter-technology

28) Bytes are a grouping of

- (1) 3 bits
- (2) 8 bits
- (3) 16 bits
- (4) 1024 bits

29) ASCII stands for

- (1) American Symbolic Call for Information Interchange
- (2) Analog Symbolic Code for Information Interchange
- (3) American Standard Call for Information Interchange
- (4) American Standard Code for Information Interchange

30) EBCDIC stands for

- (1) Extended Binary Coded Decimal Interchange Call
- (2) Extended Binary Coded Decimal Interchange Code
- (3) External Binary Coded Decimal Interchange Code
- (4) External Binary Coded Decimal Interior Code

31) UniCode consists of different encoding combinations.

- (1) 128
- (2) 256
- (3) 65,536
- (4) 1,024

Someone has drawn the following incomplete table of units used in measuring data storage.

Answer the questions from 32 to 35 using the table.

8	bits	=	1	Byte
1024	Bytes	=	1	Kilo byte
1024	Kilo bytes	=	1	Mega byte
1024	Mega bytes	=	1	Giga byte
1024	Giga bytes	=	1	A
1024	A	=	1	Peta byte
1024	Peta bytes	=	1	B
1024	B	=	1	C
1024	C	=	1	D

32) What is "A"?

- (1) Nibble (2) Word (3) Tera byte (4) None of the above

33) What is "B"?

- (1) Exa byte (2) Nibble (3) Zetta byte (4) None of the above

34) What is "C"?

- (1) Nibble (2) Zetta byte (3) Tera byte (4) None of the above

35) What is "D"?

- (1) Exa byte (2) Yotta byte (3) Zetta byte (4) None of the above

Part of the ASCII table is given below. Answer the questions 36 and 37 using the table.

Decimal	Binary	Character
90	1011010	Z

Decimal	Binary	Character
122	1111010	z

36) What is the ASCII code for "Hello", by using the Decimal number system?

- (1) 82 110 105 105 111
 (2) 92 101 108 108 110
 (3) 72 101 108 108 111
 (4) None of the above

37) What is the 7-bit ASCII code for "COMPUTER", by using the Binary number system?

- (1) 1110011 1011111 1001101 1010100 1010101 1010101 1000101 1010011
- (2) 1000011 1001111 1001101 1010000 1010101 1010100 1000101 1010010
- (3) 1010001 1001101 1011101 1010001 1010111 1010100 1010101 1010111
- (4) None of the above

Someone has drawn the following incomplete BCD coding table.
Answer the questions from 38 to 40 using the table.

Decimal number	BCD value
0	0000
1	0001
2	X
3	0011
4	0100

Decimal number	BCD value
5	0101
6	Y
7	0111
8	1000
9	Z

38) What is "X"?

- (1) 0011
- (2) 0101
- (3) 0010
- (4) None of the above

39) What is "Y"?

- (1) 0110
- (2) 0101
- (3) 0011
- (4) None of the above

40) What is "Z"?

- (1) 0111
- (2) 1110
- (3) 1001
- (4) None of the above

