

HALF YEARLY EXAMINATION, 2017-18
COMPUTER STUDIES

Time - 1:30 hrs.

Class - VIII

M.M. – 80

Name of the student _____ Section _____ Date-04.09.2017 (Monday)

Instruction:

- Attempt all questions.
- Write complete statements.

Q.1 Answer any five question : (5×2=10)

- a) Differentiate between video capturing and video editing?
- b) Write 4 properties of Label control.
- c) Explain the format of Message box.
- d) Explain Home tab and Edit tab in movie maker.
- e) Write the steps to add photos and videos in movie maker
- f) Explain 5 operators of Visual Basic with appropriate examples.
- g) Explain **Record** and **Stop** option in Movie maker.

Q.2 One Word Answer (Any Five): (5×1=5)

- a) Name the Default data type of VB 6.0.
- b) Merging together two or more strings into longer string is known as?
- c) Which operator is an overloaded operator?
- d) Which operator is used for calculating quotient?
- e) What is the format of DIM statement?
- f) How many data type does visual basic supports?
- g) DIM stands for _____.

Q.3 Write assignment statements that convert the following formula to their Visual Basic equivalents: (5×1=5)

- a) $X=(a - b) * (a - 4)^2$
- b) $A = \frac{1}{2}bh$
- c) $A = P \left(1 + \frac{r}{n} \right)^n$
- d) $(x - y) (x + y) = x^2 - y^2$
- e) $V = \frac{4}{3} \pi r^3$

Q.4 In Visual Basic, What is the result of each of the following formula? (5×2=10)
(Use BODMAS)

- a) $11 / 2 + (7 - 5)$
- b) $1 + (10 - (2 + 2))$
- c) $64 ^ (1 / 2) / 64 ^ (1 / 3)$
- d) $8 + (8 / 8) + 8 - (8 * 8)$
- e) $2 + 2 * 2$

Q.5 Fill in the blanks :

(5×1=5)

- a) By default, file type of the captured video saved on your computer by Movie maker is _____.
- b) Transitions are available in _____ Tab of Movie Maker.
- c) Click on _____ Option to begin capturing audio and video to your computer.
- d) Press _____ to execute the VB program.
- e) The video editing software for Windows is _____

Q.6 Design VB form and give necessary coding for calculating Cube of any number.(using both the methods Text Box and InputBox Method)

(2×5=10)

Q.7 Multiple Choice Questions :

(5×1=5)

- a) To organise the imported files according to date and time select _____ in the “Import Photos and Videos” dialog box.
 - i) Review, organise and group items to import
 - ii) Import all new items
 - iii) Both ‘a’ and ‘b’
 - iv) None of these
- b) Trim tool is present in Tab of the Movie Maker.
 - i) View ii) Edit iii) Project iv) Visual Effects
- c) Video can be edited using the user-friendly products such as
 - i) Adobe Premiere Elements
 - ii) Sony Vegas pro, Pinnacle Studio and Corel VideoStudio Pro
 - iii) MAGIX Movie Edit Pro and Muvvee autoProducer
 - iv) All of the above
- d) Which of the following are not valid video file formats?
 - i) .asf, .avi and .m1v ii) .wav and .wma
 - iii) .mpv2, .mpe, .mpeg and .mpg iv) .mpv2, .wm and .wmv
- e) The video may not be distributed in which of the following ways/formats?
 - i) DVD and Web streaming ii) CD-ROM
 - iii) QuickTime movies and iPod iv) JPEG and BMP

PRACTICAL & VIVA ASSIGNMENT.

(30)

