Dr. Babasaheb Ambedkar Open University

Term End Examination January-2015

Course	: BCA(MUL)	**Numerical Code:**	0066
Subject Code	: BCA(MUL)-101	**Numerical Code:**	0545
Subject	: Introduction to Computers	**Total Marks**	: 70
Date	: 20/01/2015	**Time**	: 11.00 to 02.00

Section A (30)

Answer the following (any three)

1. Explain Computer generation in detail.
2. Draw and explain basic computer operation in detail.
3. What is data base system? Explain different type of database system in detail.
4. Explain different type of computer input device in detail.
5. Explain the type of printer with advantages and disadvantages in detail.

Section B (20)

Answer the following (any four)

1. OCR system
2. CRT screen
3. Magnetic disk
4. DVD
5. Search engines
6. Packet switching

Section C

(A) Do as Directed fill in the blanks. (10)

1. The input device that can point, click, drag, and scroll is the _____

2. _____ is the parts of the computer that you can see and touch.

3. The_____ is the "brains" of every microcomputer

4. When you connect to the _____ your computer is communicating with a server at your Internet service provider (ISP)

5. _____is the predominant network communications protocol

(B) Do as Directed. (10)

1. What is EPROM?

2. What is FTP?

3. What is processing digital data?

4. What is E-mail?

5. What is internet?

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Course	: BCA (MUL)	**Numerical Code: 0066**	
Subject Code	: BCA (MUL)-102	**Numerical Code: 0546**	
Subject	: Computer Graphics & Illustrator	**Total Marks** : 70	
Date	: 21/01/2015	**Time**	: 11.00 to 02.00

Section A   **(30)**

Answer the following (any three)

1. State the difference between Raster & Vector Graphics.
2. Write a short note on GIF file Format.
3. Write a short note on Drawing and shapping tools.
4. Write a short note on Effects.
5. Write a short note on PDF Technology.

Section B   **(20)**

Answer the following (any four)

1. Write a short note on indexed color model.
2. Write a short note on print media.
3. Write a short note on object menu of Adobe Illustrator.
4. Write a short note on drawing and shapping tools.
5. Write a short note on web graphics optimisation.
6. Write a short note on CMYK color model.

Section C

(A) Choose correct answer.   **(10)**

1   Resolution is the number of _____
    a) Square   b) pixels   c) Circle   d) Triangle

2   1 kb = _____ bytes
    a) 1024   b) 1000   c) 1048   d) 1010

3   The Lab color mode has a lightness component with range from _____ to ____
    a) 10 to 15   b) 0 to 1000   c) 0 to 100   d) 1 to 10

4   JPG support _____ million colors
    a) 10   b) 12   c) 14   d) 16

5   _____ submenu is used to go back file, to last saved in Adobe Illustrator
    a) Open   b) Revert   c) Save   d) Save as

6   Undo, Redo is part of _____menu in Adobe Illustrator
    a) Edit   b) File   c) Object   d) Type

7   _____ tool is used to draw the freeform paths
    a) Brush   b) Mesh   c) Styles   d) Graph

8   To write the text on any type of the path we use _____tool
    a) Vertical type tool   b) Type of path tool   c) Astristic text   d) None of above

9   _____ generates the object around the path according to the values define along with different miter limit.

a) Ofset path   b) Outline stroke   c) Join   d) Average

10   Extension of pdf file is _____

a) .pdf   b) .pdg   c) .jpg   d) .doc

(B) Fill in the blanks.   **(10)**

1. _____ File contain information about other file.

2. Full form of TIFF is _____.

3. RGB color model is combination of _____.

4. Full form of EPS is _____.

5. Full form of PNG _____.

6. _____are combination of two or more colors that give the objects very realistic look.

7. _____ Tool is used to creat set of symbol instances.

8. _____ Command is use to close the objects if the path is open.

9. Full form of PDF is _____.

10. Indexed color mode support maximum _____ colors.

_____

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Course	: BCA(MUL)	**Numerical Code:**	0066
Subject Code	: BCA(MUL)-103	**Numerical Code:**	0547
Subject	: Printing & Resolution	**Total Marks**	: 70
Date	: 22/01/2015	**Time**	: 11.00 to 02.00

Section A (30)

Answer the following (any three)
1. Explain Resolution for graphics?

2. Explain the resolution for Images?

3. Explain process for reproducing text and image with ink on paper?

4. Discuss Digital photography.

5. Explain printing methods?

Section B (20)

Answer the following (any four)
1. Explain pixel and resolution
2. Part Of Publishing And Transaction Printing
3. Solid Inkjet printer
4. Layout prepress
5. File formats **Ans:**
6. Resolution for graphics

Section C

  (A) Choose correct answer. (10)

1   RGB stands for?
      a. Red, Gray, Blue   b. Red, Green, Blue   c. Red, Green, Black   d. Red, Green, Bright

2   Dpi stands for
      a. Details per inch   b. Dot per inch   c. Details per information   d. Dots per information

3   Which one is not a color mode?
      a. PPI   b. RGB   c. CMYK   d. HSB

4   Which one is not type of symbol?
      a. Graphic   b. Button   c. Text   d. Animation

5   Higher resolution means more pixel are there for better display of image, resulting in good quality?
      a. Swap Images   b. Slice Image   c. Fill colour   d. Cut image

6   ………………………….. is shortcut key for printing a file?
      a. CTRL+P   b. CTRL+Z   c. CTRL+R   d. None

7   …………………… is the measurement of the number of square of color information in an inch.
      a. Resolution   b. Scanning   c. Printing   d. Color

8   PPI stands for _____?
     a. Dot per Inch   b. Point per Inch   c. Pixel per point   d. Pixel per Inch
9   In computer graphics minimum………………………. Will always print well?
     a. 72dpi   b. 100dpi   c. 300dpi   d. 128dpi
10   Which is not the primary color of the light?
     a. Red   b. Blue   c. Gray   d. Green

(B) True or False/Fill in the blanks/One sentence Answer.   (10)

1. Resolution and size of image are the inverse proportion to each other.(True/False)
2. GIF and JPEG are used for not online publishing.(True/False)
3. EPS and TIFF are used for print publishing.(True/False)
4. RGB is not a colour mode (True/False)
5. …………, Green, Blue Are the primary colors.
6. Screen printing is the process of using ink and mesh to create images.(True/False)
7. Resolution is not the measurement of the no. of square of color information of an inch.(True/False)
8. Transaction printing described a mode of submitting a job to a printing device. (True/False)
9. Prepress is the term used in printing and publishing industries. (True/False)
10. Shortcut key for zoom + is ………………….

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Course	: BCA (MUL)	**Numerical Code: 0066**	
Subject Code	: BCA (MUL)-104	**Numerical Code: 0548**	
Subject	: Communication Skills	**Total Marks** : 70	
Date	: 23/01/2015	**Time**	: 11.00 to 02.00

Section A (30)

Answer the following (any three

1. Define Communication and discuss the process of communication.
2. What are the components of Non –verbal Communication?
3. Draft an application for the post of Sales Manager.
4. Define pre-writing and explain the steps involved in it.
5. 'Nav-Bharat Electricals', Ahmedabad, has not received the consignment of ceiling fans and table fans from 'Bajaj Fans Ltd.' Mumbai. Draft a letter of complaint regarding the non-executive of order.

Section B (20)

Answer the following (any four)

1. Skimming.
2. Horizontal / Diagonal Communication.
3. Types of pronoun.
4. Principles for effective business correspondence.
5. Resume
6. Multimedia

Section C

(A) Fill in the blanks. (05)

1. I saw _____ peacock in the garden. (a / the)
2. Ordinal number is another name of _____. (British Style / American Style)
3. The book is _____ the table. (above)
4. The Sun _____ in the East. (rises / rise)
5. The cat _____ the well. (in /into)

(B) Multiple choice questions: (10)

1 The word 'Communication' is derived from _____word 'Communis'.
   a) French   b) German   c) Latin   d)Greek

2 Communication is a _____ process.
   a) three   b) two   c) one   d) four

3 _____ Communication is the message without words received through the medium of gestures, signs, bodily movements etc.
   a) Non-verbal   b) Verbal   c) Downward   d) Upward

4   ____and____ are two techniques for reading.
   a) Verbal, Non-verbal   b)Skimming, Scanning   c)Downward, Upward
   d)Horizontal, Grapevine

5   _____contains the name and address of the addressee.
   a) Inside-address   b) Heading   c) Enclosure   d) Complimentary close

(C) True or False   **(05)**

1. The conversion of idea into message by verbal or non-verbal method is called decoding.
2. Inside-address contains the name / title of the firm receiving the letter.
3. It is signature which gives legal validity to the letter.
4. Date is not important in a business letter.
5. In Downward communication, the flow of information goes upward.

_____

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Course	: BCA(Mul)	**Numerical Code: 0066**	
Subject Code	: BCA(Mul) – 105	**Numerical Code: 0550**	
Subject	: Visual Communication	**Total Marks** : 70	
Date	: 24/01/2015	**Time**	: 11.00 to 02.00

Section A (30)

Answer the following (any three)

1. Explain types of symmetry.
2. Explain following related to optical illusion.
   - I. Clouser
   - II. Continuance
   - III. Similarity
   - IV. Proximity
   - V. Alinments
   - VI. Fine point
3. Explain element of composition in photography.
4. Explain basic element of composition.
5. Explain following design element.
   - I. Overlap
   - II. Shading
   - III. Deep space
   - IV. Linear perspective

Section B (20)

Answer the following (any four)

1. Explain different universal design principals.
2. Explain one, two & vanishing point perspective.
3. Write down about different photography tips.
4. Explain rules for good composition.
5. Explain asymmetrical balance & dominance in detail.
6. Explain color in detail.

Section C:

(A) Multiple choice questions: (10)

1. Sysmetrical composition uses the elements of _____.
   a) repetition   b) union   c) misture   d) sharing
2. Justapostion is _____.
   a) Contrast   b) just like opposite   c) both A & B   d) None
3. _____ perspective get affected by just.
   a) atmosphere   b) vanish 2 point   c) 3 point   d) 4 point

4. When composition carries an idea or a concept then it is known as _____.
   a) Collage   b) intelligent drawing   c) artwork   d) intelligent art
5. _____ is an illusion.
   a) perspective   b) deep space   c) projection   d) A & B both
6. Front of observer area is _____.
   a) Background   b) Foreground   c) Middle ground   d) Center ground
7. Line based art work can be done using _____.
   a) Ink drawing   b) Pencile Drawing   c) Painting   d) A & B both
8. Harmony & balance is used to represent _____.
   a) Symmetry   b) Asymmetry   c) Near Symmetry   d) Far symmetry
9. _____symmetry is like star.
   a) Near   b) Biaxial   c) Radial   d) Horizontal
10. _____ is sense that all parts are working together.
    a) Variety   b) Unity   c) Diversity   d) B and D both

(B) Fill in the blanks / True or False: **(10)**

1. What is Collage rough?

2. State true / false: is asymmetrical balance avoid balance, mirror and image?

3. Dominance gives _____interest.

4. What is proportion.

5. State true / false: is perspective gives illusion of deep space?

6. State true / false: horizon is line where all imaginary point looks like different line?

7. Define grid.

8. _____projector are used to enlarge images or art work.

9. GUI stands for _____.

10. State true / false: Photomontage is collage?

_____

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Course	: BCA(MUL)	**Numerical Code: 0066**	
Subject Code	: BCA(MUL)-106	**Numerical Code: 0552**	
Subject	: Photo Shop	**Total Marks** : 70	
Date	: 25/01/2015	**Time**	: 11.00 to 02.00

Section A (30)

Answer the following (any three)

1. Explain layer adjustment?
2. Explain masking?
3. Discuss the selection tips and tricks?
4. Explain the uses of lasso tool?
5. Explain color enhancement?

Section B (20)

Answer the following (any four)

1. Explain distort filter?
2. Write a short note on RGB color mode?
3. Explain layers?
4. Explain color replacement?
5. Explain gradient map?
6. Explain brush stroke filter?

Section C

(A) Choose correct answer. (10)

1 To apply shadow effect to the layers click on
   a) flatten image   b) blending options   c) link layers   d) rasterize layer

2 What is shortcut to subtract from selection
   a) Alt + drag   b) Shift + drag   c) Crt + drag   d) Alt + Shift + drag

3 To apply outline to path click on
   a) stroke path   b) Fill color   c) convert to selection   d) direct selection

4 Shortcut for deselecting the marquee tool is
   a) shift + d   b) ctr + d   c) alt + d   d) d

5 Shortcut to enable rules are
   a) ctr + r   b) alt + r   c) shift + r   d) shift + alt + r

6 Shortcut to background color is
   a) ctr + backspace   b) alt + backspace   c) shift + backspace   d) ctr + shift + backspace

7 Select and click in the dialog window to create clips.
   a) create multiple clips   b)create transitions   c) create clip   d) move clip

8 Clone stamp tool is used for
   a) creating duplicate layer   b) cloning image   c) creating shapes   d) creating gradients

9 RGB stands for
   a) red, green, blue   b) rose, green, blue   c) magenta, blue, green   d) red, cyan, green

10   Eyedropper tool is used for selecting desired.
      a) text   b) color   c) shape   d) layer

(B) Fill in the blanks.   (10)

1. _____ Preset is used for rendering only wireframe and object itself is hidden as its color is not rendered finally.
2. _____ Tool is used to write horizontal text.
3. Dodge tool affects the _____ of the color.
4. To move the canvas _____ tool can be used.
5. _____ Tool is used to reduce the size of document/picture.
6. The _____ tool can be used to do the digital paintings.
7. _____ Preset gives a toon kind of output of an object like a 2D object as it is a combination of object color and outline properties.
8. Adjustment layers can be used for _____ of photo.
9. In _____ mode 50% gray color is transparent.
10. Magic wand tool is used for _____.

_____

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Course	: BCA	**Numerical Code: 0066**	
Subject Code	: BCA(MUL) – 107	**Numerical Code: 0553**	
Subject	: Introduction to Internet WWW	**Total Marks** : 70	
Date	: 27/01/205	**Time**	: 11.00 to 02.00

Section A (30)

Answer the following (any three)
1. Explain Various types of protocols.
2. Difference between uploading & downloading.
3. Explain Antivirus
4. Explain the different types of Network Topologies.
5. Explain Web server.

Section B (20)

Answer the following (any four)
1. Write a short notes on IP Address
2. Explain Various types of Antivirus.
3. Write a short notes on Chatting.
4. Write a short notes on ISP.
5. Explain – How do Antivirus Work.
6. Explain LAN,WAN and MAN

Section C

(A) Choose correct answer. (10)

1   A network of Computer network is called_____
    a) Net   b) Web   c) Internet   d) E-mail
2   _____ is used to exchange text messages, pictures, sound etc. With other Internet uses across
    the word.
    a) Server   b) Client   c) E-mail   d)WWW
3   The address of a website on the Internet is called_____
    a) HTML   b)HTTP   c) URL   d) WWW
4   A standard set of rules followed by all network computers. That want to communicate
    through the Internet is called _____
    a) Protocol   b) Client   c) Server   d) Browser
5   In WWW, all the information is stored by_____
    a) Servers   b) Clients   c) browsers   d) portals
6   The host and the type of site together is called _____
    a) domain names   b) Web   c) Protocol   d) client
7   _____is a computer or program that request services of another computer or program.
    a) portal   b) Protocol   c) Client   d) Server
8   _____connects computers over long distance.
    a) LAN   b) WAN   c) CAN   d) MAN

9   All the E-mail that you receive are stored in the ___folder.
a) Drafts   b) Inbox   c) Sent   d) Outbox

10   A web address on a webpage which is a short –cut to another web page , is called_____
a) Home page   b) Web page   c) Web site   d) hyperlink

(B) True/False   **(10)**

1. Newsgroup are used to exchange views, ideas, news and other Information.
2. One of the most common method of getting information from the internet is FTP.
3. URL is the Address of website on the Internet.
4. HTTP is the standard coding language used for creating web pages.
5. ISP is a link between your computer and the Internet.
6. A Modem is an electronic device that connects your PC to a telephone Line to enable you to use the Internet.
7. The Refresh button is used to start the downloading of a web pages.
8. A Search engine is a site on the Internet.
9. Yahoo! , Gmail and Rediffmail are some of the popular free E-mail Services.
10. IP Address are read and managed only by compute.

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