Question Paper Name:	5285 Bio medical Image processing Science and Technology 30th June 2019 Shift 2
Subject Name:	Bio medical Image processing Science and Technology
Creation Date:	2019-06-30 18:16:52
Duration:	180
Total Marks:	100
Display Marks:	Yes

Bio medical Image processing Science and Technology

Group Number :	1
Group Id :	489994207
Group Maximum Duration :	0
Group Minimum Duration :	120
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	100

Bio medical Image processing Science and Technology

Section Id :	489994263
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	100
Number of Questions to be attempted:	100
Section Marks:	100
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	489994287
Question Shuffling Allowed :	Yes

Question Number : 1 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

…... rashes that can occur in diabetes are collectively known as diabetic dermadromes.

a. Liver   b. Heart   c. Skin   d. Kidney

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 2 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Venous Insufficiency in which ...... pools in the veins, straining the walls of the vein.

a. water   b. Sugar   c. insulin   d. blood

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 3 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Micro-vascular is the dynamics of ...... flow.

a. blood   b. insulin   c. sugar   d. haemoglobin

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 4 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Hemodynamic response continuously monitors and adjusts to conditions in the ... and its environment.

a. liver   b. body   c. heart   d. kidney

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 5 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

...... disease is a disease of any large (macro) blood vessels in the body.

a. Thin   b. Small   c. Macro vascular   d. Microvascular

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 6 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

...a medical condition in which poor blood flow to the brain results in cell death.

a. diabetes   b. epilepsy   c. sugar   d. stroke

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 7 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

High blood pressure usually does not cause ....

a. symptoms   b. harm   c. insulin   d. sugar

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 8 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

.......-term high blood pressure, however, is a major risk factor for coronary artery disease.

a. short   b. Long   c. medium   d. moderate

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 9 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

..... law transforms are used to darken the image.

a. Non-linear   b. Rotation   c. Linear   d. Power

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 10 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

'Artificial Neural Network' refers to the interconnections between the neurons in the different .....

a. layers   b. format   c. directions

1. 1
2. 2
3. 3
4. 4

Question Number : 11 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The first layer has input neurons which send data via …….. to the second layer.
a. Transform   b. Synapses   c. Wavelet   d. Fourier

Options :
1. 1
2. 2
3. 3
4. 4

Question Number : 12 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The …... store parameters called "weights" that manipulate the data in the
calculations.
a. neuron   b. layer   c. synapses   d. weight

Options :
1. 1
2. 2
3. 3
4. 4

Question Number : 13 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Often by isolating particular …... of the pixel values in an image we can
highlight interesting aspects.
a. nibble   b. words   c. bytes   d. bits

Options :
1. 1
2. 2
3. 3
4. 4

Question Number : 14 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Higher-order bits usually contain most of the significant …... information.
a. visual   b. dark   c. bright   d. nonvisible

Options :
1. 1
2. 2
3. 3

Question Number : 15 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

……..-order bits contain subtle details.
  a. Higher   b. Lower   c. Middle   d. Mode

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 16 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Other …... can be suppressed or maintained Useful for highlighting features in an image.
  a. bytes   b. information   c. levels   d. data

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 17 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A scale map is generated to delineate …... areas.
  a. Eye   b. Fiber Layer   c. Iris   d. lesion

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 18 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Rangaraj M. and et.al has detected optic nerve head in fundus image of the retina with …….filters and phase portrait analysis.

  a. Gabor   b. 2x2 mask   c. 5x5 operator d. Morphology

Options :

1. 1

2. 2

3. 3

4. 4

Correct Marks : 1 Wrong Marks : 0

In image processing, a Gabor filter, named after Dennis Gabor, is a linear filter used for ....
a. Noise Removal   b. texture analysis   c. enhancement   d. color processing

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 20 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Gabor filter basically analyses whether there are any specific frequency content in the image in specific .... in a localized region around the point or region of analysis.
a. color   b. gray scale   c. directions   d. binary

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 21 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Frequency and orientation representations of Gabor filters are similar to those of the human .... system.
a. voice   b. biometric   c. gesture   d. visual

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 22 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Gabor filters have been found to be particularly appropriate for texture representation and ....
a. discrimination   b. color   c. segmentation   d. binary

Options :

1. 1

2. 2

3. 3

4. 4

Correct Marks : 1 Wrong Marks : 0

In the spatial domain, a 2D Gabor filter is a Gaussian kernel function ……. by a
sinusoidal plane wave.
a. acquire   b. modulated   c. input   d. display

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 24 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Simple cells in the visual cortex of mammalian brains can be modelled by …...
functions.
a. acquisition   b. correction   c. Gabor   d. moderation

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 25 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

K-means clustering algorithms are unsupervised techniques for sub-dividing a
larger dataset into smaller ……..
a. program   b. values   c. data   d. groups

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 26 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Python is an …….. language that shares many features with C and MATLAB.
a. interpreted   b. complied   c. fast   d. medium

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 27 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

1 ...guages are often called .... languages.
a. fast   b. scripting   c. superfast   d. fastest

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 28 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Python has common approach to "quick" .... to problems and has a very large community of developers.
a. input   b. process   c. solutions   d. output

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 29 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

No variables need be ...... and often program development can be fast in Python language
a. recall   b. reuse   c. use   d. declared

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 30 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The library is cross-platform and ...... for use under the open-source BSD license.
a. free   b. easy   c. slow   d. fast

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 31 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

...of image processing may be either an image or a set of characteristics or parameters related to the image.

   a. input   b. output   c. display   d. process

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 32 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Use the function cv2.imread () to read an image.

   a. delete   b. update   c. read   d. write

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 33 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

There is incontrovertible evidence in diabetic ..... that timely treatment prevents or delays loss of sight.

   a. vascularization   b. neuropathy

   c. nephropathy   d. retinopathy

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 34 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Large settlements have been paid to people diagnosed with .... threatening.

   a. sight   b. light   c. eye   d. diabetes

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 35 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

...... within one disc diameter of the centre of the fovea — too late for effective treatment.

   a. Cotton   b. Exudates   c. Macula   d. Glaucoma

1. 1
2. 2
3. 3
4. 4

Question Number : 36 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

…….. prevalence now seems to be increasing even more rapidly than
previously predicted.
  a. Fever   b. Omitting   c. Diabetes   d. Allergy

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 37 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Better use ……. at the outset than at the last moment.
  a. advice   b. discussion   c. experience   d. medicines

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 38 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

There is clear evidence from well-designed controlled clinical trials that …….
medical treatment delays or prevents the occurrence of STDR.
  a. improved   b. avoid   c. delay   d. don't care

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 39 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

For full effect, however, five to ……. years are needed.
  a. eight   b. seven   c. nine   d. ten

Options :

1. 1
2. 2
3. 3

Question Number : 40 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Therefore, …… diagnosis of the earliest signs of DR and accurate follow-up of progression of DR at predefined intervals will provide necessary information for diabetes management.

a. late   b. delay   c. early   d. no

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 41 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The predictive values depend not only on the performance of the test in diseased and normal subjects, but also on the …… of disease.

a. fever   b. rainy nose   c. dengue   d. prevalence

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 42 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Predictive values quantify the …… value of the test.

a. clinical   b. non clinical   c. hospital   d. home

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 43 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A screening test needs to be more accurate if it is to work well in a …….
prevalence situation.

a. high   b. low   c. medium   d. moderate

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 44 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Conversely, lower sensitivity may be acceptable in tertiary care where disease prevalence is…..
a. low   b. moderate   c. high   d. slow

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 45 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A job for your statistician, becomes more complicated when multiple ….. are performed.
a. patient   b. tests   c. doctor   d. hospital

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 46 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The results of ….. different tests are combined to reach a threshold value.
a. hospital   b. patient   c. several   d. doctor

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 47 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The diagnostic accuracy of ……. of tests can be assessed by applying multivariable regression analysis.
a. only one   b. one   c. single   d. combinations

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 48 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

...ne that a stressful work situation can cause .... concentration capacity.
a. good   b. strong   c. increase   d. decreased

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 49 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Mental fatigue that may become less easily reversible as exposure to stress is …
a. increased   b. decrease   c. reduced   d. less

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 50 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Thresholds for perceiving and being irritated by …….
a. lesions   b. noise   c. cotton   d. macula

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 51 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Increasing signal-to-noise ratio, is …... work for the human brain.
a. mild   b. rough   c. hard   c. soft

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 52 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
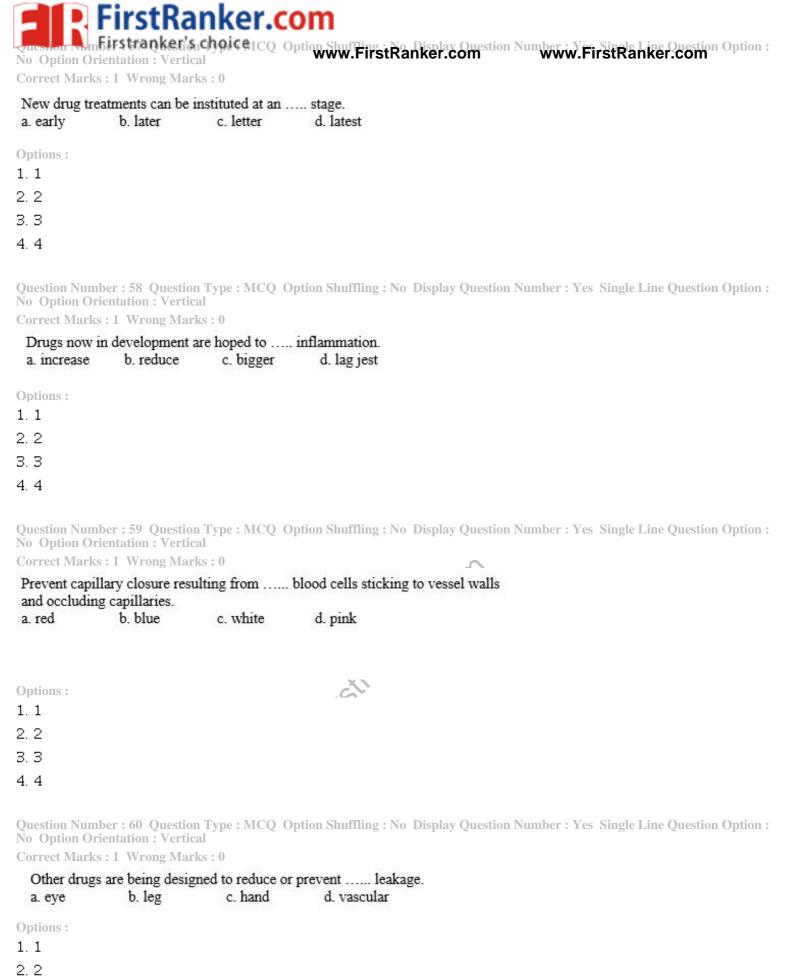
Correct Marks : 1 Wrong Marks : 0

Recall the sudden feeling of ease when subliminal …... stops.
a. features   b. lesions   c. data   d. noise

Options :

1. 1

3. 3

4. 4

Question Number : 53 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Ability to discriminate is important for the performance of …... screening graders.

a. DR   b. RD   c. doctor   d. hospital

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 54 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

To optimize signal detection performance, it is important to …... them.

a. expose   b. protect   c. open   d. show

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 55 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Increasing signal-to-noise ratio of images by preventing artefacts and minimizing operator error also helps …... cope.

a. patients   b. hospitals   c. graders   d. doctors

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 56 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

While reduction of blindness and visual impairment due to diabetic maculopathy was achieved at a ….. rate.

a. fastest   b. faster   c. higher   d. slower

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 57 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

New drug treatments can be instituted at an ….. stage.
a. early   b. later   c. letter   d. latest

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 58 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Drugs now in development are hoped to ….. inflammation.
a. increase   b. reduce   c. bigger   d. lag jest

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 59 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Prevent capillary closure resulting from …... blood cells sticking to vessel walls and occluding capillaries.
a. red   b. blue   c. white   d. pink

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 60 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Other drugs are being designed to reduce or prevent …... leakage.
a. eye   b. leg   c. hand   d. vascular

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 61 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

represents half of the ….. acuity considered "normal".
a. visual   b. leg   c. hand   d. head

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 62 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The point prevalence of a ….. is the proportion of a defined population at risk.
a. normal   b. disease   c. mild   d. moderate

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 63 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The …... that is affected by it at a specified point on the time scale.
a. normal   b. mild   c. disease   d. moderate

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 64 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Several kinds of …. software begin to intrude on their work experience at the
same time.
a. not new   b. older   c. oldest   d. new

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 65 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Computer glitches and the ….. of the user interface are just part of the
experience.
a. qualities   b. poor   c. unknown   d. fresh

Options :

Question Number : 66 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Graders may not take kindly to the thought of ...... their job to a machine.
a. getting   b. losing   c. increment   d. increase

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 67 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

To add insult to injury, the ...... is felt to be looking over their shoulders.
a. birds   b. animals   c. machine   d. man

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 68 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Experienced graders with many years of reading images on film may ...... the loss of information.
a. triple   b. double   c. increase   d. decry

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 69 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The increase in artefacts introduced with digital cameras and grading from office-type screens with a ...... Color space.
a. small   b. large   c. big   d. very large

Options :

1. 1

2. 2

3. 3

Question Number : 70 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Graders see images of ...... quality from unselected populations.
   a. same   b. variable   c. similar   d. matched

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 71 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

..... predictive value will not increase their confidence in the new technology.
   a. big   b. bigger   c. Low   d. large

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 72 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A lesion widely believed to be indicative of ..... for leakage.
   a. safe   b. correct   c. accurate   d. risk

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 73 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Predicting possibly sight-threatening centrally located ..... exudates.
   a. hard   b. soft   c. very soft   d. softy

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 74 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

not all centrally located hard ……. are treatable by photocoagulation.
a. cotton   b. exudates   c. iris   d. macula

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 75 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The present consensus seems to be that centrally located microaneurysms ought not to be missed in a DR …... system.
a. input   b. process   c. screening   d. output

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 76 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Bright lesions, also known as …... lesions for instance hard exudates.
a. blue   b. pink   c. red   d. white

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 77 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The Retina Lyze system examined individual ….. lesions without consideration of their dimension.
a. bright   b. blue   c. pink   d. red

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 78 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The presence of hard exudates within one disc diameter of the centre of the ……. is believed to be sight-threatening.
a. macula   b. iris   c. fovea

1. 1
2. 2
3. 3
4. 4

Question Number : 79 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The user to place optical sections at will, through ……. such as vascular abnormalities, hard exudates, or foveal microaneurysms.
  a. line   b. circle   c. triangle   d. lesions

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 80 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This ……. technology should become very useful for accurate final diagnosis.
  a. non-invasive   b. invasive   c. open   d. surgery

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 81 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Local or widespread …... thickening in order to optimize focal and/or grid laser photocoagulation for each eye.
  a. eye   b. retinal   c. iris   d. eyebrow

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 82 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Perhaps using this method could help develop …... for macular edema further.
  a. ADC   b. DCA   c. CAD   d. LAD

Options :

1. 1
2. 2
3. 3

Question Number : 83 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The main reason for accurate ……. of micro-infarction is that widespread
ischemia is a possible indication.
a. identification   b. detection   c. finding   d. search

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 84 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The ……. tree can be analysed in various ways.
a. binary   b. sorted   c. vascular   d. insertion

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 85 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

There is considerable interest in the relationship between retinal …...
morphology and metabolic and inflammatory diseases.
a. retinal   b. veins   c. cones   d. vascular

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 86 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

One hopes that a medical librarian will devise a more sensitive and specific filter
to find CAD …….. evaluations.
a. memory   b. processor   c. hardware   d. software

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 87 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

The situation would improve if all authors provided more useful .... terms
  a. index   b. abstract   c. list   d. disordered

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 88 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The people doing the indexing for PubMed and other ....
  a. Doctor   b. Databases   c. NGO   d. Hospital

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 89 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Several successful ongoing projects are intended to produce ...... software.
  a. ADC   b. DCA   c. CAD   d. ACD

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 90 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

There are numerous algorithms intended for the detection of some aspect of ......
  a. data   b. information   c. program   d. morphology

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 91 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An interesting research tool and are likely to become important for assessment
of the ...... stages of DR.
  a. later   b. earliest   c. moderate   d. advanced

1. 1
2. 2
3. 3
4. 4

Question Number : 92 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Indication of image quality including field definition would help photographers achieve the clear ..... artefact free images.

a. dark   b. bright   c. sharp   d. color

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 93 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

......CAD software should help describe patterns of lesion type, location, turnover, and apparent movement.

a. Early   b. Immature   c. Basic   d. Future

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 94 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Nowadays quite rigorous and well-documented ..... of development and assessment appear to be required.

a. doctor   b. hospital   c. society   d. processes

Options :

1. 1
2. 2
3. 3
4. 4

Question Number : 95 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Speaking as a clinician, as a researcher, and last but not least as a senior ......
with many years of experience managing a large program.

a. grader   b. citizens   c. residence   d. NGO

Options :

1. 1

3. 3

4. 4

Question Number : 96 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Accurate ...... counts are of considerable practical importance at present because
of their proven prognostic value.
a. eye   b. microaneurysms   c. iris   d. optic disk

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 97 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Methods for measuring microaneurysms turnover, for whose assessment human
.....are far from ideal.
a. patients   b. society   c. observers   d. hospital

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 98 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An interesting research tool and are likely to become important for assessment
of the earliest stages of ......
a. LR   b. RL   c. RD   d. DR

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 99 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option :
No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Indication of image quality including field definition would help photographers
achieve the clear ..... artefact free images.
a. sharp b. smooth   c. noisy d. edgeless

Options :

1. 1

2. 2

3. 3

Objective assessment of image quality including field ……..
  a. information   b. definition   c. assessment   d. data

Options :

1. 1

2. 2

3. 3

4. 4