MVoC

Group Number : 1
Group Id : 45489334
Group Maximum Duration : 0
Group Minimum Duration : 120
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time : 0
Group Marks : 360

Section A

Section Id : 45489345
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 48
Number of Questions to be attempted: 48
Section Marks: 144
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 45489350
Question Shuffling Allowed: Yes

Question Number : 1 Question Id : 4548934346 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question
Population of Patna city is 96,000 the decreasing rate of population is 800 per year. Population of Pathiputra is 68,000, the increasing rate of population is 1,200 per year. In how many years will the population of both places be equal?
Options :
Question Number : 2  Question Id : 4548934347  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
The cost price of 3 exam pads and 2 pencils is Rs. 96, 4 exam pads and 3 pencils cost Rs. 134. Find the total cost (in Rs.) of an exam pad and that of a pencil.  
Options : 
1. 36  
2. 38  
3. 40  
4. 42  

Question Number : 3  Question Id : 4548934348  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Two trains are running in opposite direction with the same speed. If the length of each train is 80 metres and they cross each other in 16 seconds, then what is the speed (in km/hr) of each train?  
Options : 
1. 12  
2. 18  
3. 24  
4. 30  

Question Number : 4  Question Id : 4548934349  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question
What is the least number that should be added to the product $7 \times 8 \times 9 \times 10$ to make it a perfect square?

Options:
1. 144
2. 1
3. 289
4. 3

Rahul sells two helmets at the rate of Rs. 1,232 each. He gains 12% on one and loses 12% on the other. What will be the total loss (in Rs.) in the whole transaction?

Options:
1. 54
2. 36
3. 18
4. 72

The average of three numbers is 58. First number is $3/4$ of the third number. If the third number is 24 more than second number, then what will be the difference between the first and second number?

Options:
1. 24
2. 6
3. 16
4. 18
Question Number : 7  Question Id : 4548934352  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  
The income of P is 50% more than Q's income and the income of Q is 50% more than R's income. P's income is how much percentage more than R's income? 
Options:
1. 225
2. 150
3. 125
4. 100

Question Number : 8  Question Id : 4548934353  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  
In the following question, select the related word pair from the given alternatives: 
Army: Soldier : ? : ?  
Options:
1. Troupe : Artist
2. Principal : School
3. Tyre : Car
4. Minister : Council

Question Number : 9  Question Id : 4548934354  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question
Arrange the given words in the sequence in which they occur in the dictionary:

1. Infect
2. Inferior
3. Indulge
4. Induce
5. Indirect

Options:
1. 5 2 1 4 3
2. 1 2 4 5 3
3. 5 4 3 1 2
4. 1 4 5 3 2

In the following series, select the missing number from the given options:

23, 28, 34, 41, 49, ?

Options:
1. 57
2. 59
3. 56
4. 58

From the given alternatives, select the word which cannot be formed using the letters of the given word:

Benevolent

Options:
1. Been
2. Nevin
3. Lent
4. Ben

Question Number : 12  Question Id : 4548934357  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  The sum of the ages of 3 people A, B and C is 90 years. What would be the total of their ages 4 years back?  Options :  
1. 74 years  
2. 78 years  
3. 86 years  
4. 80 years

Question Number : 13  Question Id : 4548934358  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  The chronic use of alcohol may lead to :  Options :  
1. Hepatitis B  
2. Cirrhosis  
3. AIDS  
4. Pneumonia

Question Number : 14  Question Id : 4548934359  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  The first clinical gene therapy was given for treating :  Options :
1. Rheumatoid arthritis
2. Chicken pox
3. Diabetes mellitus
4. Adenosine deaminase deficiency

The night-blindness is caused by the deficiency of:

Options:
1. Vitamin A
2. Vitamin D
3. Vitamin B2
4. Vitamin E

BCG Vaccine is used for the:

Options:
1. TB
2. Tetanus
3. Typhoid
4. Pertussis

The sound wave does not show the phenomenon of:

Options:
1. Scattering
2. Polarization
3. Diffraction
4. Interference

**Question Number : 18  Question Id : 4548934363  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes**
**Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes**
**Correct Marks : 3  Wrong Marks : 1**
**Question Label : Multiple Choice Question**

An ATP is:

**Options :**
1. an amino acid
2. a helical structure
3. is a high energy molecule which breaks down to ADA + Pi
4. an enzyme

**Question Number : 19  Question Id : 4548934364  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes**
**Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes**
**Correct Marks : 3  Wrong Marks : 1**
**Question Label : Multiple Choice Question**

Red color of tomato is due to:

**Options :**
1. Lycopene
2. Chlorophyll
3. Xanthophylls
4. None of the three

**Question Number : 20  Question Id : 4548934365  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes**
**Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes**
**Correct Marks : 3  Wrong Marks : 1**
**Question Label : Multiple Choice Question**

Penicillin which is used as an antibiotic is obtained from:

**Options :**
1. Bacteria
2. Fungi
3. Algae
4. Lichens

Question Number: 21  Question Id: 4548934366  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes
Correct Marks: 3  Wrong Marks: 1
Question Label: Multiple Choice Question
The butter contains:
Options:
1. Butyric acid
2. Palmitic acid
3. Butic acid
4. Oleic acid

Question Number: 22  Question Id: 4548934367  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes
Correct Marks: 3  Wrong Marks: 1
Question Label: Multiple Choice Question
The nephron is a basic unit of:
Options:
1. Kidney
2. Liver
3. Brain
4. Stomach

Question Number: 23  Question Id: 4548934368  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes
Correct Marks: 3  Wrong Marks: 1
Question Label: Multiple Choice Question
The laughing gas is:
Options:
1. $N_2O$
2. $NO$
3. $CO$
4. $N_2O_5$

**Question 24**

Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes  Correct Marks: 3  Wrong Marks: 1

**Question Label:** Multiple Choice Question

Fill in the blank with appropriate preposition from the options given below:

Are not these slums a disgrace ........... the civic authorities?

**Options:**
1. of
2. to
3. in
4. by

**Question 25**

Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes  Correct Marks: 3  Wrong Marks: 1

**Question Label:** Multiple Choice Question

In the following question, a sentence has been given in Direct/Indirect Speech. Out of the four alternatives suggested, select the one which best express the same sentence in Indirect/Direct Speech:

"Please don't hit me" Rita said to the attacker.

**Options:**
1. Rita begged the attacker to not to hit her.
2. Rita told the attacker to not hit her.
3. Rita begged the attacker not to hit her.
4. Rita pleaded with the attacker to not to hit her.
Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Improve the bracketed part of the sentence:

One should get (trained) to prepare one's own breakfast.

Options:
1. habituated
2. used
3. prepared
4. No improvement

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Question Number : 27  Question Id : 4548934372  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase:

Mrs. Vaijanthi teacher us literature.

Options:
1. We have been taught literature by Mrs. Vaijanthi.
2. Literature is being taught by Mrs. Vaijanthi to us.
3. Literature is being taught to us by Mrs. Vaijanthi.
4. Literature is taught by Mrs. Vaijanthi to us.

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Question Number : 28  Question Id : 4548934373  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Select the antonym of 'deep-seated':

Options:
1. Chronic
2. Temporary
3. Inbred
4. Subconscious

Question Number : 29 Question Id : 4548934374 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question
When the Principal entered the class, a student ................. on the blackboard.
Options :
1. wrote
2. was writing
3. writes
4. is writing

Question Number : 30 Question Id : 4548934375 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question
Jawaharlal spent his childhood ................. Anand Bhawan.
Options :
1. at
2. in
3. on
4. across

Question Number : 31 Question Id : 4548934376 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question
The boy was cured ................. typhoid.
Options :
1. from
2. of
3. for
Question Number : 32  Question Id : 4548934377  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
I saw a ................. of cows in the field.
Options :
1. group
2. herd
3. swarm
4. flock

Question Number : 33  Question Id : 4548934378  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
In which city the Head Quarters of Food and Agriculture Organization of the United Nations located ?
Options :
1. London
2. New York
3. Rome
4. Belgium

Question Number : 34  Question Id : 4548934379  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
How many numbers lie between 300 and 500 in which 4 comes only one time ?
Options :
1. 99
2. 100
3. 110
In a tournament 14 teams play league matches. If each team plays against every other team once only, then how many matches are played?

Options:
1. 105
2. 91
3. 85
4. 70

Running at a speed of 60 km per hour, a train passed through a 1.5 Km long tunnel in two minutes. What is the length of the train?

Options:
1. 250 m
2. 500 m
3. 1000 m
4. 1500 m

Four children are sitting in a row. A is occupying the seat next to B but next to C. If C is not sitting next to D. Who is/are occupying seat/seats adjacent D?

Options:
1. B
2. A
3. B and A
4. Impossible to tell

Question Number : 38 Question Id : 4548934383 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question
In a class of 45 students, a boy is ranked 20th. When two boys joined, his rank was dropped by one. What is his rank now from the end?
Options:
1. 25th
2. 24th
3. 27th
4. 28th

Question Number : 39 Question Id : 4548934384 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question
If 5 : 2431 then 8 :?
Options:
1. 4237
2. 5461
3. 7624
4. 6743

Question Number : 40 Question Id : 4548934385 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question
Find the missing number from the following responses:

AGM, ....... BHN, ....... CIO, .......?
Options:
1. COU
Question Number : 41  Question Id : 4548934386  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
If STRONG is written as ROTNSG, then how would NAGPUR be written in similar code:
Options:
1. PGUARN
2. GPAUNR
3. PGAURN
4. GPUANR

Question Number : 42  Question Id : 4548934387  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
If A = 26, SON = 27, then CAT is equal to:
Options:
1. 24
2. 27
3. 57
4. 58

Question Number : 43  Question Id : 4548934388  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Select the correct set of symbols which fit in the given equation:
5 ... 0 ... 3 ... 5 = 20
Options:
Question Number : 44  Question Id : 4548934389  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  
Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Find of the missing number (?) : 

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<td>44</td>
<td>14</td>
<td>48</td>
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Options :
1. 14 
2. 44 
3. 62 
4. 51

Question Number : 45  Question Id : 4548934390  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  
Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Which of the following is mismatched ?  
Options :
1. Leg – Hand 
2. Eyes – Nose 
3. Body – Head 
4. Wrist – Finger
The opposite of word 'vocational' is:

Options:
1. Intellectual
2. Technical
3. Professional
4. Liberal

Fill in the blanks:
'I bought a pen and an inkpot ..........'

Options:
1. even
2. also
3. too
4. None of the three

'World Food Day' is celebrated on:

Options:
1. 16 August
2. 16 September
3. 16 October
4. 16 November

Section B Food Processing and Management
Goat meat is called as:

Options:
1. Mutton
2. Chevon
3. Pork
4. Beef

Ultrafiltration is used in milk processing for:

Options:
1. Removal of water
2. Removal of protein
3. Removal of microbial spore
4. Desalination
Question Label: Multiple Choice Question
Which of the following reagents is used for the test of peroxidase enzyme in blanched vegetables?

Options:
1. Glycol
2. Guaiacol
3. Hydrogen Peroxide
4. Glycerol

Question Number: 52  Question Id: 4548934397  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes
Correct Marks: 3  Wrong Marks: 1

Question Label: Multiple Choice Question
ULTRA rice is:

Options:
1. Vitamin A fortified rice
2. Iron fortified rice
3. Vitamin A fortified rice & Iron fortified rice
4. None of the three

Question Number: 53  Question Id: 4548934398  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes
Correct Marks: 3  Wrong Marks: 1

Question Label: Multiple Choice Question
Anticaking agents are:

Options:
1. Those used to destroy the cake while disposing the spoiled cakes
2. Those used to maintain the free flowing nature of granular or powdered products
3. Those used to kill microorganism growing in cakes
4. Those used to maintain the shape of cakes and pastries
The optimum temperature for soaking rice during parboiling according to CFTRI process:

Options:
1. 65-70°C for 3-4 hours
2. 70-75°C for 1-2 hours
3. 65-70°C for 5-6 hours
4. 70-75°C for 4-5 hours

The most widely used coagulant for removing suspended impurities from water is:

Options:
1. Bleaching powder
2. Chlorine
3. Calcium sulphate
4. Alum

Coconut oil is rich in:

Options:
1. Lauric acid
2. Linoleic acid
3. Linolenic acid
4. Butyric acid

Heat resistance mold present in canned fruits is:

Options:
1. *Clostridium botulinum*
2. *Byssochlamys fulva*
3. *Penicillium notatum*
4. *Aspergillusniger*

Which of the following is low acid food?

Options:
1. Pea
2. Turnip
3. Apple
4. Cabbage

Game meat is obtained from:

Options:
1. Cattle
2. Domestic animals
Dear

Wild animals

Question Number : 60  Question Id : 4548934405  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Mixing of different parameter is called as :

Options :
1. Combination Technology
2. Hurdle Technology
3. Membrane Technology
4. High Pressure Technology

Question Number : 61  Question Id : 4548934406  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Antinutritional factor in egg is :

Options :
1. Avidin
2. Biotin
3. Lysozyme
4. Albumin

Question Number : 62  Question Id : 4548934407  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Obesity is measured by :

Options :
1. RDA
Question Number : 63  Question Id : 4548934408  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  
Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Meso is prepared by :  
Options :  
1. Bajra  
2. Soya  
3. Rye  
4. Wheat

Question Number : 64  Question Id : 4548934409  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  
Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Which of the following is distilled wine ?  
Options :  
1. Brandy  
2. Vodka  
3. Rum  
4. Whiskey

Question Number : 65  Question Id : 4548934410  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  
Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
FSSAI works under which ministry :  
Options :
1. Ministry of Commerce
2. Ministry of Health and Family Welfare
3. Ministry of Law
4. Ministry of Food Processing Industry

**Question Number : 66  Question Id : 4548934411  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes**

Correct Marks : 3  Wrong Marks : 1

**Question Label : Multiple Choice Question**

**Flavor enhancer used in food industry is :**

**Options :**
1. MSG
2. SMP
3. Sodium bicarbonate
4. Sodium carbonate

**Question Number : 67  Question Id : 4548934412  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes**

Correct Marks : 3  Wrong Marks : 1

**Question Label : Multiple Choice Question**

**Green colour of whey is due to :**

**Options :**
1. Riboflavin
2. Chlorophyll
3. Xanthophylls
4. Carotenoids

**Question Number : 68  Question Id : 4548934413  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes**

Correct Marks : 3  Wrong Marks : 1

**Question Label : Multiple Choice Question**
In cryogenic freezing, which of the following is used?

Options:
1. Glycol
2. Ammonia
3. Nitrogen
4. Carbon dioxide

Acetaldehyde is the major flavoring compound in:

Options:
1. Dahi
2. Yoghurt
3. Cheese
4. Kømmiss

Carbon dioxide in carbonated beverages act as:

Options:
1. Preservative
2. (B) Sparkling agent
3. Enhancement of flavor
4. All of the three
Wheat bran contain approximately ................. % protein.

Options:
1. 4.3
2. 14.3
3. 24.3
4. 30.5

Zein is a ................. type of protein.

Options:
1. Albumin
2. Globulin
3. Glutelin
4. Prolamin

Which of the following is used in maillard reaction?

Options:
1. Reducing Sugar
2. Non-reducing sugar
3. Reducing Sugar & Non-reducing sugar
4. None of the three
Which of the following components display anti-microbial activity in milk?

Options:
1. Beta-lactoglobulin
2. Lactoferrin
3. Glycomacropeptide
4. MFG protein

Ropiness of bread may be due to:

Options:
1. Bacillus subtilis
2. Bacillus licheniformis
3. Bacillus panis
4. Bacillus subtilis & Bacillus licheniformis

The preservation technique using radiation is also known as:

Options:
1. Cold Sterilization
2. Dry Sterilization
3. Heat sterilization
4. Uperization

Question Number : 77  Question Id : 4548934422  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Minimum % of total soluble solids in orange nectar is :
Options :
1. 25%
2. 30%
3. 15%
4. 40%

Question Number : 78  Question Id : 4548934423  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Optimum pH value for jelly is :
Options :
1. 3.0
2. 3.2
3. 3.4
4. 3.6

Question Number : 79  Question Id : 4548934424  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Gelatin is made from :
Options :
1. Collagen
2. Sucrose
Lactose

Milk gels

**Question Number : 80 Question Id : 4548934425 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Correct Marks : 3 Wrong Marks : 1**

**Question Label : Multiple Choice Question**

Radappertization means :

**Options :**

1. Radiation sterilization

2. Radiation pasteurization

3. Radiation ionization

4. None of the three

**Question Number : 81 Question Id : 4548934426 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Correct Marks : 3 Wrong Marks : 1**

**Question Label : Multiple Choice Question**

Fishes are preserved by :

**Options :**

1. Drying

2. Salting

3. Canning

4. All of the three

**Question Number : 82 Question Id : 4548934427 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Correct Marks : 3 Wrong Marks : 1**

**Question Label : Multiple Choice Question**

Which of the following has maximum biological value ?

**Options :**

1. Egg
2. Milk
3. Meat
4. Red Gram

Question Number: 83  Question Id: 4548934428  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes  Correct Marks: 3  Wrong Marks: 1
Question Label: Multiple Choice Question
High pectin content in jam causes:
Options:
1. Crystallization
2. Premature setting
3. Gummy jam
4. Surface graining

Question Number: 84  Question Id: 4548934429  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes  Correct Marks: 3  Wrong Marks: 1
Question Label: Multiple Choice Question
Maximum % of oil is found in:
Options:
1. Ground nut
2. Mustard
3. Linseed
4. Coconut

Question Number: 85  Question Id: 4548934430  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes  Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes  Correct Marks: 3  Wrong Marks: 1
Question Label: Multiple Choice Question
After homogenization the size of fat globules should be:
Options:
1. 2 micron
2. 4 micron
3. 0.2 micron
4. 0.4 micron

Bakery products are commonly packed in:

Options:
1. LDPE pouches
2. HDPE pouches
3. Cellophane pouches
4. Aluminum foil laminates

The maximum inlet temperature of the spray drier is:

Options:
1. 170°C
2. 200°C
3. 150°C
4. 80°C
Anthocyanins are ............... soluble.

Options:
1. Water
2. Fat
3. Both Water and Fat
4. None of the three

Question Label: Multiple Choice Question

Natural enzymes present in fruit that hydrolyze pectin is:

Options:
1. Pectin methyl esterase
2. Pectin ethyl esterase
3. Pectin methyl peroxidase
4. Pectin ethyl peroxidase

The shell of the egg is made from:

Options:
1. Sodium chloride
2. Calcium carbide
3. Calcium carbonate
4. All of the three
Richest source of Vit. C is:

1. Gauva
2. Barbados Cherry
3. Lichi
4. Pineapple

Microbes which easily grow in chilled meats are:

1. Stable
2. Thermophilic
3. Mesophilic
4. Psychrophillic

Alfatoxin is obtained from:

1. Molds
2. Bacteria
3. Viruses
4. Fungi
Question Number : 94  Question Id : 4548934439  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question
Hard to cook defect is found in :
Options :
1. Rice
2. Wheat
3. Bajra
4. Pulses

Question Number : 95  Question Id : 4548934440  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question
Permissible limit of $SO_2$ in squash :
Options :
1. 350 ppm
2. 700 ppm
3. 200 ppm
4. 300 ppm

Question Number : 96  Question Id : 4548934441  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question
Chief muscle pigment in meat :
Options :
1. Haemoglobin
2. Myoglobin
3. Metyoglobin
4. Anthocyanin
Microorganisms that can survive in high salt solutions are called as:

Options:
1. Thiophillic
2. Barophillic
3. Halophillic
4. Osmophillic

Hesperadin is found in:

Options:
1. Orange
2. Apple
3. Banana
4. Mango

Black pepper is adulterated with:

Options:
1. Stones
2. Papaya seeds
3. Brick powder
4. Lemon seeds

Question Number : 100  Question Id : 4548934445  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Flavoring compound in butter is :  
Options :
1. Tartaric acid
2. Mallic acid
3. Tri methyl amine
4. Di acetyl

Question Number : 101  Question Id : 4548934446  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Cereal which is rich in Calcium is :  
Options :
1. Maize
2. Ragi
3. Bajra
4. Oat

Question Number : 102  Question Id : 4548934447  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Pulses are rich in which amino acid :  
Options :
1. Lysine
2. Leucin
Methionine

Tryptophan

Question Number : 103  Question Id : 4548934448  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Glazing of fish is done to protect fish from :
Options :
1. Reduction and freeze burn
2. Oxidation and freeze burn
3. Oxidation and moisture loss
4. Reduction and moisture loss

Question Number : 104  Question Id : 4548934449  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Pulses are deficient in which amino acid :
Options :
1. Lysine
2. Leucine
3. Methionine
4. Tryptophan

Question Number : 105  Question Id : 4548934450  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  The most common and least expensive plastic film used for packaging of solid food materials is :
Options :
1. Polyethylene
2. Polystyrene
3. Polypropylene
4. Polyvinylchloride

Question Number : 106  Question Id : 4548934451  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Source of nitrogen for microorganism is :
Options:
1. Minerals
2. Lipids
3. Carbohydrates
4. Protein

Question Number : 107  Question Id : 4548934452  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
TSS of fruit squash is :
Options:
1. 25%
2. 30%
3. 40%
4. 50%

Question Number : 108  Question Id : 4548934453  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Stachyose is a :
Options:
1. Disaccharide
2. Trisaccharide
3. Tetrasaccharide
4. Polysaccharide

The $a_w$ of most of the fresh fruits and vegetables is in the range of:

Options:
1. 0.90-0.92
2. 0.88-0.90
3. 0.95-0.98
4. 0.98-1.0

Scalping is also known as:

Options:
1. Grading
2. Rough cleaning
3. Separating
4. Dust removal

Saponins are found in:

Options:
1. Soyabean
2. Faba bean
3. Kidney bean
4. Broad bean

Question Number : 112  Question Id : 4548934457  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Marbling is defined as :

Options :
1. Intramuscular fat which can be visibly detected when the muscle surface is cut
2. Intramuscular fat which cannot be visibly detected
   Intramuscular fat which can be visibly detected when the muscle surface is cut and Intramuscular fat which cannot be visibly detected
3. None of the three

Question Number : 113  Question Id : 4548934458  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Inhibition of sprouting of onion can be done by :

Options :
1. Ethyl bromide
2. Ethylene
3. Malic hydrazide
4. Formaldehyde

Question Number : 114  Question Id : 4548934459  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question
Pineapple is good source of:

Options:
1. Proteolytic enzyme
2. Lipolytic enzyme
3. Hydrolytic enzyme
4. Oxido reductase enzyme

Question Number : 115  Question Id : 4548934460  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Toxin prussic acid is found in:

Options:
1. Cotton
2. Almond
3. Soybean
4. Groundnut

Question Number : 116  Question Id : 4548934461  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Double toned milk contains:

Options:
1. 0.5% Fat, 9% SNF
2. 1.5% Fat, 9% SNF
3. 3% Fat, 9% SNF
4. 1.5% Fat, 8.5% SNF

Question Number : 117  Question Id : 4548934462  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
Actin is present in:

Options:
1. Wheat
2. Meat
3. Milk
4. Rice

Question Number : 118  Question Id : 4548934463  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1

Which one of the following microorganisms is used in the preparation of bread?

Options:
1. Candida albicans
2. Saccharomyces cerevisiae
3. Saccharomyces cevarum
4. Aspergilus niger

Wheat bran contain approximately ............... % protein.

Options:
1. 4.3
2. 14.3
3. 24.3
4. 30
RDA for Calcium is:

<table>
<thead>
<tr>
<th>Option</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>800 mg</td>
</tr>
<tr>
<td>2.</td>
<td>350 mg</td>
</tr>
<tr>
<td>3.</td>
<td>700 mg</td>
</tr>
<tr>
<td>4.</td>
<td>1000 mg</td>
</tr>
</tbody>
</table>

Section B Medical Lab Tech

Section Id : 45489347
Section Number : 3
Section type : Online
Mandatory or Optional: Optional
Number of Questions: 72
Number of Questions to be attempted: 72
Section Marks: 216
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 45489352
Question Shuffling Allowed : Yes

Question Label: Multiple Choice Question

Dissymmetria is seen in:

Options:

1. Extra pyramidal lesions
2. Cerebellar lesions
3. Pyramidal lesions
4. Cortical lesions

Correct Marks : 3 Wrong Marks : 1
Function of GABA on CNS is:

Options:
1. Neuronol inhibitor
2. Neuronal activator
3. Glial cell inhibitor
4. Glial cell activator

Swallowing centre is situated in:

Options:
1. Mid brain
2. Pans
3. Medulla
4. Cerebellum

Satiety centre in hypothalamus is regulated by:

Options:
1. Gastric dialation
2. Blood glucose levels
3. Blood insulin levels
4. All of the three

Phagolytosis CNS is done by:
Question Number : 126  Question Id : 4548934471  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question    
Gag reflex is mediated by cranial verue : 
Options : 
1. VH  
2. IX  
3. X  
4. XII  

Question Number : 127  Question Id : 4548934472  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question    
Blood brain barrier is maximum permeable to : 
Options : 
1. Na+  
2. K+  
3. Chloride  
4. Co 

Question Number : 128  Question Id : 4548934473  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question    
Pain sensitive port in CNS is : 
Options :
1. Diameter
2. Perimeter
3. Brain
4. Dial vessels

Question Number : 129  Question Id : 4548934474  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question
Which enzyme plays defensive role in saliva?
Options :
1. Ptyaline
2. Lysozene
3. Pepsin
4. Trypsin

Question Number : 130  Question Id : 4548934475  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question
Normal pH of Saliva:
Options :
1. 3.1
2. 6.4
3. 5
4. 1

Question Number : 131  Question Id : 4548934476  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question
Which salivary gland is largest salivary gland?
Options :
1. Parotid gland
2. Sub Mandibular
3. Sublingual
4. None

Question Number : 132  Question Id : 4548934477  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1

Question Label : Multiple Choice Question

Gastrin hormone is secreted by :

Options :
1. Parietal
2. Chief cells
3. G cells
4. Mucus neck cells

Question Number : 133  Question Id : 4548934478  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1

Question Label : Multiple Choice Question

Which gland is largest gland of Human body ?

Options :
1. Salivary gland
2. Thyroid gland
3. Pituitary gland
4. Liver

Question Number : 134  Question Id : 4548934479  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1

Question Label : Multiple Choice Question

Rennin is a:

Options :
Absorption of Vitamin B12 occurs at:

Options:
1. Duodenum
2. Jejunum
3. Starting part of ileum
4. Terminal ileum

Which type of hepatitis is known as infectious hepatitis?

Options:
1. Hepatitis A
2. Hepatitis B
3. Hepatitis C
4. Hepatitis E

Which microorganism is responsible for peptic ulcer and chronic gastritis?

Options:
1. Streptococcus
2. E. coli
3. Helicobacter pylori
4. Hemophilus influenza

**Question 138**

The voice box is also known as the:

Options:
1. Alveoli
2. Larynx
3. Trachea
4. Pharynx

**Question 139**

Actual gas exchange takes place in the:

Options:
1. Trachea
2. Diaphragm
3. Bronchi
4. Alveoli

**Question 140**

What does oxygen bind to on a blood cell?

Options:
1. The antigen
2. The antibody
3. The Haemoglobin
4. The nucleus

Question Number : 141  Question Id : 4548934486  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  
How many lobes does the right lung contain ?
Options :
1. 4
2. 2
3. 1
4. 3

Question Number : 142  Question Id : 4548934487  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  
Acute respiratory syndrome in children :
Options :
1. Influenza syndrome
2. Allergic Rhinitis
3. Pertussis
4. Croup

Question Number : 143  Question Id : 4548934488  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  
Also known as Black lung disease :
Options :
The urinary bladder is composed of ............... epithelium.

Options:
1. Transitional
2. Simple squamous
3. Stratified squamous
4. Pseudostratified columnar

The name Karry Mullis is associated with:

Options:
1. RFLP
2. PCR
3. RAPD
4. DNA finger printing

ADH is secreted by the:

Options:
Hypothalamus

2. Posterior lobe of the pituitary

3. Intermediate lobe of the pituitary

4. Anterior lobe of the pituitary

Question Number : 147  Question Id : 4548934492  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question  
Diabetes insipidus is a deficiency of what hormone?
Options :
1. Vaso pressin
2. Insulin
3. Progesterone
4. Aldosterone

Question Number : 148  Question Id : 4548934493  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question  
Which gland secretes DHEA and cortisol?
Options :
1. Pituitary
2. Adrenal
3. Parathyroid
4. Pineal

Question Number : 149  Question Id : 4548934494  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question  
Steroid synthesis occurs within which of the following structure?
Options :
1. Paroxisome
2. Mitochondria
3. Golgi apparatus
4. Smooth ER

Question Number: 150  Question Id: 4548934495  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes
Correct Marks: 3 Wrong Marks: 1
Question Label: Multiple Choice Question
Epithelial liniers of pericardium is:
Options:
1. Simple columnar
2. Simple squamous
3. Stratified squamous
4. Cuboidal

Question Number: 151  Question Id: 4548934496  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes
Correct Marks: 3 Wrong Marks: 1
Question Label: Multiple Choice Question
Type of tissue the covers the surface of the body and lines vessels and body cavities is:
Options:
1. Connective tissue
2. Muscular tissue
3. Nerve tissue
4. Epithelial tissue

Question Number: 152  Question Id: 4548934497  Question Type: MCQ  Option Shuffling: Yes  Display Question Number: Yes Single Line Question Option: No  Option Orientation: Vertical  Allowed Progression: Yes  Number of Replay: 999  Play On Load: No  Control Enable: Yes
Correct Marks: 3 Wrong Marks: 1
Question Label: Multiple Choice Question
Salivary gland is an example of:
Options:
1. Simple tubular gland
2. Simple coiled tubular gland
3. Compound alveolar gland
4. None of three

The excretory passage of the Urinary System has a lining of epithelial cells which are elastic are called:

Options:
1. Stratified epithelium
2. Glandular epithelium
3. Squamous epithelium
4. Transitional epithelium

Which of the following immunoglobulin protects the fetus?

Options:
1. Ig A
2. Ig D
3. Ig M
4. Ig G
An experiment began with 4 cells and ended with 128 cells. How many generations did the cell go through?

Options:
1. 64
2. 32
3. 6
4. 5

Question Number : 156  Question Id : 4548934501  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1

Question Label : Multiple Choice Question
Plasma cells and memory cells are evolved in:

Options:
1. Inflammation
2. Cell mediated response
3. Hormonal response
4. Complement cascade

Question Number : 157  Question Id : 4548934502  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1

Question Label : Multiple Choice Question
MMR vaccine protects against what three diseases?

Options:
1. Measles, Malaria, Rabies
2. Monkeypox, Mumps, Rubella
3. Measles, Mumps, Rubella
4. Monkeypox, Measles, Rabies
Question Number : 158  Question Id : 4548934503  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Any fungal infection of the skin, hair and nail is called a :  
Options : 
1. Mycophytosis  
2. Keratitis  
3. Dermaphylosis  
4. Dermato Phytosis

Question Number : 159  Question Id : 4548934504  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Filariasis is caused when mosquitoes deliver worms and that end up blocking :  
Options : 
1. Digestive system  
2. Respiratory system  
3. Lymphatic system  
4. Nervous system

Question Number : 160  Question Id : 4548934505  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Antibodies are produced in :  
Options : 
1. Inflammation  
2. Cell mediated response  
3. Hormonal response
Complement cascade

Question Number : 161  Question Id : 4548934506  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
Which of the following is a pentameric antibody ?  
Options :  
1. Ig A  
2. Ig D  
3. Ig M  
4. Ig G  

Question Number : 162  Question Id : 4548934507  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
The vaccine for herpes simplex II virus is :  
Options :  
1. Expressive  
2. Given in multiple times  
3. Can react in positive skin test  
4. Non existant  

Question Number : 163  Question Id : 4548934508  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question  
The fundamental statistical indicators are :  
Options :  
1. Mean  
2. Median
3. Variable

4. Mode

Question Number : 164  Question Id : 4548934509  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
If the average of a series of values is 10 and their variance is 4, then the coefficient of variation ( = the ratio standard deviation / average) is :
Options :
1. 20 %
2. 40 %
3. 60 %
4. 80 %

Question Number : 165  Question Id : 4548934510  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
The median of a series of numerical value is equal to average :
Options :
1. A graph or chart
2. A number
3. A frequency table
4. None of the three

Question Number : 166  Question Id : 4548934511  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
If on a group of 457 patients for a risk factor we calculated a Relative Risk RR = 12.74, the possibility of developing the disease being investigated is :
Options :
Very low when exposed to the factor

Very high when exposed to the factor

The same when exposed to the factor or not exposed

Lower in exposed than in unexposed RR being less than 100

A clinical trial is more valuable when:

1. Sensitivity is higher than specificity
2. Sensitivity and specificity have higher values
3. Specificity is higher than sensitivity
4. The sensitivity and specificity values are close even equal regardless of their values

If after performing a student test for comparison of means, we obtain $P > 0.0256$, then:

1. We reject $H_0$ and accept $H_1$
2. We accept $H_0$
3. We reject $H_1$
4. We cannot decide
Which of the following is *not* a restriction endonuclease?

Options:
1. EcoR1
2. DNA Ligase
3. Hind III
4. BamHI

---

Taq Polymerase is used in PCR because of its:

Options:
1. Low thermal stability
2. High fidelity
3. High speed
4. High thermal stability

---

Nick translation is done by

Options:
1. DNA Polymerase I
2. DNA Polymerase II
3. DNA Ligase
4. Kinase
Correct Marks : 3 Wrong Marks : 1

Question 173: DNA Staining is done by:
Options:
1. Crystal Violet
2. Giemsa Staining
3. Methylene Blue
4. Feulgen Staining

Question 174: Use of Alkaline phosphatase is to:
Options:
1. Remove terminal phosphate from 3' end
2. Remove terminal phosphate from 5' end
3. Remove terminal phosphate from both ends
4. All of the above

Question 175: A technique used to identify specific DNA sequence in bacterial colonies is:
Options:
1. Colony hybridization
2. In-situ hybridization
3. Dot blot techniques
4. Western blotting
Correct Marks : 3 Wrong Marks : 1

Northern hybridization is used:

Options:
1. In identifying a specific protein
2. To identify a specific DNA
3. To identify a specific RNA
4. To identify both DNA & RNA

Question Number : 176 Question Id : 4548934521 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1

The technique used to locate specific genes in chromosomes is:

Options:
1. Colony Hybridization
2. In-situ hybridization
3. Dot blot technique
4. Western blotting

Correct Marks : 3 Wrong Marks : 1

Question Number : 177 Question Id : 4548934522 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

All of the following are thermostable polymerases except:

Options:
1. Taq Polymerase
2. Vent polymerase
3. DNA Pol III
4. Pfu polymerase

Correct Marks : 3 Wrong Marks : 1

Question Number : 178 Question Id : 4548934523 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1

The process of binding of primer to the denatured strand is called:

Options:
1. Denaturation
2. Annealing
3. Renaturation
4. None of the above

Asymmetric PCR is used:

Options:
1. To generate single stranded copies for DNA sequencing
2. To generate double stranded copies for DNA sequencing
3. To generate single stranded copies for DNA sequencing & to generate double stranded copies for DNA sequencing
4. None of the three

Genetically modified DNA fragments are called:

Options:
1. Recombinant DNA
2. SDNA
3. Mitochondrial DNA
4. None of the three
Question Number : 181  Question Id : 4548934526  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Acid fast bacteria :

Options :
1. Cell walls with mycolic acid
2. Exotoxin production
3. Skin infections that can lead to septicaemia
4. Causes diseases that come in stages

Question Number : 182  Question Id : 4548934527  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Which pathogen in the following have multiple intermediate hosts and forms ?

Options :
1. Flat worms
2. Round worms
3. Ring worms
4. Earth worms

Question Number : 183  Question Id : 4548934528  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  Question Label : Multiple Choice Question  Most fungi reproduce a sexually to form haploid .................

Options :
1. Hyphae
2. Spores
3. Asci
4. Basidia
Question Number : 184  Question Id : 4548934529  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
 INVOLVES HEAT REDNESS SWELLING AND PAIN ?
Options :
1. Cell mediated response
2. Inflammation
3. Humoral Response
4. Complement cascade

Question Number : 185  Question Id : 4548934530  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
 THE FUNGUS CANDIDA CAUSES :
Options :
1. Vaginal yeast infection
2. Thrush of the mouth
3. Infections in Canadians
4. Both Vaginal yeast infection & Thrush of the mouth

Question Number : 186  Question Id : 4548934531  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1
Question Label : Multiple Choice Question
 WHAT AGE GROUP IS AT MOST RISK FOR LEGIONELLOSIS ?
Options :
1. Youngsters
2. Teenagers
3. Adults
4. Old people
Question Number : 187  Question Id : 4548934532  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1
Meaning of pandemic outbreak is:
Options:
1. Vector borne infection
2. World wide out break of disease
3. Disease that spreads easily
4. Disease that lasts for ever

Question Number : 188  Question Id : 4548934533  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1
A complication of campylobacter jejuni infection is:
Options:
1. Ulcerative peritonitis
2. Toxmic megacolon
3. Guillain barre syndrome
4. All of the three

Question Number : 189  Question Id : 4548934534  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes
Correct Marks : 3  Wrong Marks : 1
May be either DNA or RNA but not both represents:
Options:
1. The bacterial genome
2. The viral genome
3. The fungal spore
4. The bacterial spore
Question Number : 190  Question Id : 4548934535  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question

Mumps is a viral disease that affects which part of the body?

Options:
1. My humps
2. The ears
3. Reproductive organs
4. Parotid gland

Question Number : 191  Question Id : 4548934536  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question

The first transgenic plant to be produced:

Options:
1. Rice
2. Maize
3. Cotton
4. Tobacco

Question Number : 192  Question Id : 4548934537  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical  Allowed Progression : Yes  Number of Replay : 999  Play On Load : No  Control Enable : Yes  Correct Marks : 3  Wrong Marks : 1  
Question Label : Multiple Choice Question

Alec Jeffery's name is associated with:

Options:
1. DNA sequencing
2. DNA finger printing
3. RNA sequencing
4. Site directed mutagenesis