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**Mains Agricultural
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AGRICULTURAL ENGINEERING II

Group Number :	1
Group Id :	57996516
Group Maximum Duration :	0
Group Minimum Duration :	150
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Mandatory Break time:	No
Group Marks:	150

AGRICULTURAL ENGINEERING II

Section Id :	57996516
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	150
Number of Questions to be attempted:	150
Section Marks:	150
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	57996528
Question Shuffling Allowed :	No

**Question Number : 1 Question Id : 5799652280 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0

Moisture migration in stored food grains occur due to the change in ____

Options :

Temperature

Pressure

Relative humidity

None of the given answers

Question Number : 2 Question Id : 5799652281 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Most of the fungi on damp grain continue to develop until oxygen falls to about ____

Options :

0.2 Percent

20 Percent

0.02 Percent

0.002 Percent

Question Number : 3 Question Id : 5799652282 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Rittinger's and Kick's Laws are related with

Options :

Heat transfer

Mass transfer

Size reduction

Momentum

Question Number : 4 Question Id : 5799652283 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

For grain conveying by belt conveyor, the belt speed of ____ is recommended

Options :

2.5 to 2.8 m/min

2.5 to 2.8 m/s

4.5 to 4.8 m/s

4.5 to 4.8 m/min

Question Number : 5 Question Id : 5799652284 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The psychometric chart is constructed on the basis of ____ standard atmospheric pressure

Options :

Ten

Hundred

One

Zero

Question Number : 6 Question Id : 5799652285 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

A cyclone separator is used for

Options :

Removing of stone

Grading the material

Rough separation of material

Fine particles from solid

Question Number : 7 Question Id : 5799652286 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In _____ type of drier air and grain travel at 90° to each other

Options :

Cross flow drier

Concurrent flow drier

Counter flow drier

None of the given answers

Question Number : 8 Question Id : 5799652287 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Removal of moisture by sublimation in food product is called

Options :

Fluidized bed drying

Freeze drying

Air drying

Spray drying

Question Number : 9 Question Id : 5799652288 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The most effective evaporator type is

Options :

Plate

Rising film

Falling film

Shell and tube

Question Number : 10 Question Id : 5799652289 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In attrition mill, the size of the food grains is reduced by

Options :

Impact and crushing

Shear and crushing

Impact and shear

Impact

Question Number : 11 Question Id : 5799652290 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Troughing angle generally used in three-roller system of belt conveyor is

Options :

20°

25°

10°

15°

Question Number : 12 Question Id : 5799652291 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Polar distance in bucket elevator is a function of

Options :

Peripheral speed of driven pulley

Driven pulley speed

Belt speed

Rotational speed of head pulley

Question Number : 13 Question Id : 5799652292 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Thermal processing of food material should be based on heat sensitivity of the

Options :

Spores of fungi

Vegetative cells of fungi

Spores of bacteria

Vegetative cells of bacteria

Question Number : 14 Question Id : 5799652293 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The valve of homogenizer is made up of following metal

Options :

Aluminium

Monel

Iron

Copper

Question Number : 15 Question Id : 5799652294 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Strawberry jam have the following effect on volume when it is frozen

Options :

Increase in volume

Decrease in volume

No effect on volume

First increases and then decreases

Question Number : 16 Question Id : 5799652295 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which variety of grape is found suitable for canning.

Options :

Cheema Sahibee

Thompson Seedless

Anabeshahi

Banglore Blue

Question Number : 17 Question Id : 5799652296 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In dry milling the linseed oil for treatment of pulses is used @ kg/tones

Options :

0.5 to 1.5

1.5 to 2.5

2.5 to 3.5

3.5 to 4.5

Question Number : 18 Question Id : 5799652297 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The initial cost of the conveyor is lower than any other conveyor with same length and capacity in

Options :

Belt conveyor

Bucket elevator

Screw conveyor

Pneumatic conveyor

Question Number : 19 Question Id : 5799652298 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The popular heat exchangers in dairy industries are

Options :

Shell and tube heat exchangers

Plate heat exchangers

Spiral heat exchangers

Finned tube exchangers

Question Number : 20 Question Id : 5799652299 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Regeneration is economical when product is

Options :

Heated

Cooled

Heated and cooled

None of the given answers

Question Number : 21 Question Id : 5799652300 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In hammer mill fineness of grinding is controlled by

Options :

Screen size

Type of plate and the gap between them

Speed of rotor

None of the given answers

Question Number : 22 Question Id : 5799652301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Commercial value of grain depends on their

Options :

Impurities

Foreign matters

Grade factor

None of the given answers

Question Number : 23 Question Id : 5799652302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The temperature of milk droplets in spray drying is kept at

Options :

49-54°C

54-60°C

60-65°C

65-70°C

Question Number : 24 Question Id : 5799652303 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The development and advancement of drying front through grain mass in deep beds is due formation of

Options :

Dried zone

Drying zone

Under dried zone

All the given answers

Question Number : 25 Question Id : 5799652304 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Cooling coil surface temperature is known as

Options :

WBT

DPT

DBT

ADP

Question Number : 26 Question Id : 5799652305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Vertical whitening cone removes the bran from brown rice by

Options :

Friction

Impact

Cutting

None of the given answers

Question Number : 27 Question Id : 5799652306 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Pasteurization of milk is to be carried out at a minimum temperature of

Options :

125°C

90°C

71°C

62°C

Question Number : 28 Question Id : 5799652307 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The type of steam mostly used in dairy industry operations is

Options :

Dry saturated steam

Super heat steam

Wet steam

Dry steam

Question Number : 29 Question Id : 5799652308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

For removal of particles less than 5mm diameter in modern sterilization unit _____ filter is used

Options :

Paper

Rotary

Centrifugal

All the given answers

Question Number : 30 Question Id : 5799652309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Vorticity is given by

Options :

Two times the rotation

One times the rotation

Three times the rotation

Equal to rotation

Question Number : 31 Question Id : 5799652310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

RPEC drier was first developed at

Options :

PAU Ludhiana

IIT Kharagpur

GBPUAT Pantnagar

MPUAT Udaipur

Question Number : 32 Question Id : 5799652311 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The ratio of steam consumption to water evaporation in drum drying is

Options :

0.4 to 0.8

0.8 to 1.2

1.2 to 1.6

1.6 to 2.0

Question Number : 33 Question Id : 5799652312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Most air cooled condensers are designed to operate with temperature difference of

Options :

5°C

8°C

22°C

14°C

Question Number : 34 Question Id : 5799652313 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

_____ model is used to represent creep behavior

Options :

Kelvin model

Maxwell model

Burger's model

None of the given answers

Question Number : 35 Question Id : 5799652314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Density, size, shape and drag coefficient are needed in calculating _____

Options :

Roundness

Coefficient of friction

Terminal velocity

Compressive strength

Question Number : 36 Question Id : 5799652315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

_____ is used for determining lateral pressure both for shallow and deep bins

Options :

Jensen's theory

Rankin's theory

Airy's theory

All the given answers

Question Number : 37 Question Id : 5799652316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Moisture accumulates at the _____ of storage bin during winter

Options :

Top

Bottom

Middle

None of the given answers

Question Number : 38 Question Id : 5799652317 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Food spoilage occurs due to

Options :

Bacteria

Molds

Yeast

All the given answers

Question Number : 39 Question Id : 5799652318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Vegetable oils are

Options :

Triglycerides

Glycerides

Enzymes

Mist

Question Number : 40 Question Id : 5799652319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Safflower oil can be used in the ____ industry

Options :

Paint

Paper

Sheet making

All the given answers

Question Number : 41 Question Id : 5799652320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Dental cavities can be removed by _____

Options :

Almond oil

Cashew oil

Brazil oil

Palm oil

Question Number : 42 Question Id : 5799652321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Agroprocessing industries requires

Options :

Marketing facilities

Water

Raw material

All the given answers

Question Number : 43 Question Id : 5799652322 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which one of the following is not agro-based industries

Options :

Coconut coir

Rice barn

Paper making

Cement making

Question Number : 44 Question Id : 5799652323 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The products obtained from agro-based industries have ___ demand

Options :

Decreasing

Increasing

Neutral

None of the given answers

Question Number : 45 Question Id : 5799652324 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The proporation of agro-based industries is facing problems like

Options :

Labour

Transport

Electricity supply

All the given answers

Question Number : 46 Question Id : 5799652325 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Briquetting industries requires _____ water

Options :

Less

More

Very less

None of the given answers

Question Number : 47 Question Id : 5799652326 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Cost benefit ratio of agroprocessing industries is

Options :

Very less

Less

More

Average

Question Number : 48 Question Id : 5799652327 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Gasification of biomass is _____ conversion process

Options :

Thermo-chemical

Biochemical

Chemical

None of the given answers

Question Number : 49 Question Id : 5799652328 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Biogas generation process is commonly known as

Options :

Gasification

Anaerobic digestion

Direct combustion

None of the given answers

Question Number : 50 Question Id : 5799652329 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

For maximum biogas production, solid contents in dung slurry are maintained between

Options :

20-30 %

20-25 %

7-10 %

10-20 %

Question Number : 51 Question Id : 5799652330 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following is not an example of bio-mass energy source

Options :

Wood

gober gas

Coal

Nuclear energy

Question Number : 52 Question Id : 5799652331 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which is the cheapest source of energy

Options :

Bio-mass

Coal

Petroleum

Uranium

Question Number : 53 Question Id : 5799652332 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Biogas plants are commonly adopted in ____ areas

Options :

Urban

Hilly

Rural

None of the given answers

Question Number : 54 Question Id : 5799652333 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Theoretical maximum efficiency of wind power is about

Options :

30 Percent

48 Percent

59 Percent

65 Percent

Question Number : 55 Question Id : 5799652334 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which type of wind mills are termed as "cross-wind axis" machines

Options :

Horizontal axis wind mills

Vertical axis wind mills

Both Horizontal and Vertical axis wind mills

None of the given answers

Question Number : 56 Question Id : 5799652335 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The efficiency of various types of collectors _____ with _____ temperature

Options :

increases, decreasing

decreases, increasing

remains same, increasing

depends upon type of collector

Question Number : 57 Question Id : 5799652336 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Beam radiations are measured with

Options :

Anemometer

Pyrheliometer

Sunshine recorder

All the given answers

Question Number : 58 Question Id : 5799652337 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The zenith angle is the angle made by the sun's rays with the ____ to a _____ surface

Options :

normal, horizontal

tangent, horizontal

normal, vertical

tangent, vertical

Question Number : 59 Question Id : 5799652338 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Maximum efficiency is obtained in

Options :

Flat plate collector

Evacuated tube collector

Line focussing collector

Paraboloid dish collector

Question Number : 60 Question Id : 5799652339 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Greenhouse technology adoption in India is

Options :

Increasing

Decreasing

Increasing fast

Decreasing fast

Question Number : 61 Question Id : 5799652340 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Greenhouse Technology is to protect the plants from adverse effect of

Options :

Wind

Cold

Extreme temperature

All the given answers

Question Number : 62 Question Id : 5799652341 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which one of the following is not the advantage of greenhouses

Options :

- Reliability of crop
- Suitable for vegetable
- Suitable for flowers
- High cost of installation

Question Number : 63 Question Id : 5799652342 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which one of the following is not the type of Greenhouse based on construction

Options :

- Wooden framed structure
- Pipe framed structure
- Fibre framed structure
- Truss framed structure

Question Number : 64 Question Id : 5799652343 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In India use of greenhouse technology started only during _____ and it was mainly used for research activities

Options :

- 1975
- 1980
- 1985
- 1990

Question Number : 65 Question Id : 5799652344 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The techniques which can only be possible under greenhouse cultivation are

Options :

- Hydroponic
- Aeroponics
- Nutrient film
- All the given answers

Question Number : 66 Question Id : 5799652345 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The diameter of silo is usually limited to 6 m and its depth is kept _____ times that of the diameter

Options :

- 2 to 3
- 3 to 4
- 5 to 6
- 8 to 9

Question Number : 67 Question Id : 5799652346 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

A floor area of ____ sq.m per bird is usually provided

Options :

0.26

0.36

0.85

0.75

Question Number : 68 Question Id : 5799652347 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In stanchion barn, the maximum length of the barn should be

Options :

45 m

50 m

40 m

35 m

Question Number : 69 Question Id : 5799652348 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The capacity of kothar type storage structure ranges from _____.

Options :

9-35 tonnes

above 20 tonnes

3.5 to 18 tonnes

8-12 tonnes

Question Number : 70 Question Id : 5799652349 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Food grain storage structure should provide

Options :

Good aeration

Protection from rodents

Easy inspection

All the given answers

Question Number : 71 Question Id : 5799652350 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Bulk storage bins for storing grain can be made of

Options :

RCC

Mild steel sheet

aluminium sheet

All the given answers

Question Number : 72 Question Id : 5799652351 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The farm workshop should be located on or near the _____

Options :

well

Dairy

Farmstead

Plantation

Question Number : 73 Question Id : 5799652352 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The valves provided at low points of pipes to drain off water quickly under gravity, are called

Options :

Blow off valves

Drain valves

Sewer valves

All the given answers

Question Number : 74 Question Id : 5799652353 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Non-clog impellers are specifically designed for

Options :

Irrigation pumping

Sewage pumping

Pumping of water with hard impurities

None of the given answers

Question Number : 75 Question Id : 5799652354 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Aeration of water is done to remove

Options :

Odour

Colour

Bacteria

Hardness

Question Number : 76 Question Id : 5799652355 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The most ideal disinfectant used for drinking water throughout the world, is

Options :

Alum

Lime

Chlorine

Nitrogen

Question Number : 77 Question Id : 5799652356 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Orthotolidine test is used for determination of

Options :

Dissolved oxygen

Residual chlorine

Biochemical oxygen demand

Dose of coagulant

Question Number : 78 Question Id : 5799652357 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The chemical most commonly used to increase speed of sedimentation of sewage is

Options :

Sulphuric acid

Copper sulphate

Lime

Sodium permanganate

Question Number : 79 Question Id : 5799652358 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Facultative bacteria are able to work in

Options :

Presence of oxygen only

Absence of oxygen only

Presence as well as in absence of oxygen

Presence of water

Question Number : 80 Question Id : 5799652359 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Most commonly used pump for lifting water in water supply mains, is

Options :

Axialflow pump

Reciprocating pump

Rotary type pump

Centrifugal pumps

Question Number : 81 Question Id : 5799652360 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The difference in pressure head measured by mercury-water differential manometer for a 20 cm difference of mercury level will be

Options :

2.72 m

2.52 m

2.0 m

0.2 m

Question Number : 82 Question Id : 5799652361 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In case of open wells, the critical velocity is usually assumed as

Options :

6.5m/min

0.5m/min

7.5cm/min

1.0cm/min

Question Number : 83 Question Id : 5799652362 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Mixed flow pumps are used for

Options :

Low head and high discharge operation

High head and high discharge operation

Low head and low discharge operation

Medium head and high discharge operation

Question Number : 84 Question Id : 5799652363 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Electric logging is applicable in case of

Options :

Cased bore holes

Uncased bore holes

Both cased and uncased boreholes

None of the given answers

Question Number : 85 Question Id : 5799652364 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The effect of change of pump speed on pump performance, can mathematically be expressed as

Options :

$Q = Q_1(n/n_1)$

$Q = Q_1(n/n_1)^2$

$Q = Q_1(n/n_1)^3$

None of the given answers

Question Number : 86 Question Id : 5799652365 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Yield per unit of drawdown is known as

Options :

Specific capacity

well yield

Hydraulic conductivity

Transmissibility

Question Number : 87 Question Id : 5799652366 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Sedimentation analysis is based on __

Options :

Stokes law

Darcys law

Poiseuilles law

None of the given answers

Question Number : 88 Question Id : 5799652367 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Small furrows used for irrigating non-cultivated, close growing crops such as small grains and for pasture growing on steep slopes are known as

Options :

Contour furrows

Corrugations

Pasture furrows

None of the given answers

Question Number : 89 Question Id : 5799652368 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In direct irrigation, duty is always expressed in

Options :

hectares/cumec

hectares / million cubic metre

cumec/hectare

cubic metre/hectare

Question Number : 90 Question Id : 5799652369 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The ratio of mean supply discharge to full supply discharge of same canal is known as

Options :

Capacity factor

Time factor

Nominal duty

Full supply coefficient

Question Number : 91 Question Id : 5799652370 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The rise in the maximum flood level upstream of the weir caused due to the construction of weir across the river is called as

Options :

Pond level

Afflux

Crest level

None of the given answers

Question Number : 92 Question Id : 5799652371 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The ratio of water stored in the root zone of the plants to water delivered to the field is termed as a

Options :

Water storage efficiency

Water use efficiency

Water application efficiency

Water distribution

Question Number : 93 Question Id : 5799652372 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The size of the furrow stream usually varies from

Options :

0.1 to 0.5 lps

0.5 to 1.0 lps

0.5 to 2.0 lps

0.5 to 2.5 lps

Question Number : 94 Question Id : 5799652373 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Water courses are

Options :

Government channels

Non government channels

Partly government channels

None of the given answers

Question Number : 95 Question Id : 5799652374 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Command area of entire project is called as

Options :

Chak

Aya cut

Watershed

None of the given answers

Question Number : 96 Question Id : 5799652375 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Practices for soil protection and flood control are :

Options :

Afforestation

Encourage deep rooted plants

Control on grazing and cutting

All the given answers

Question Number : 97 Question Id : 5799652376 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The return period of rainfall magnitude whose frequency is 5% will be

Options :

2 year

5 year

20 year

None of the given answers

Question Number : 98 Question Id : 5799652377 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

A plot between rainfall intensity versus time is called as

Options :

Hydrograph

Mass curve

Hyetograph

Isohyet

Question Number : 99 Question Id : 5799652378 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Contour trenching is done mainly in _____

Options :

Low rainfall areas for moisture conservation

High rainfall areas for moisture conservation

Arid zones for wind erosion control

All the given answers

Question Number : 100 Question Id : 5799652379 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Loose rock fill dams are used to control _____

Options :

Gully erosion

Stream bank erosion

Rill erosion

Splash erosion

Question Number : 101 Question Id : 5799652380 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Runoff sample is collected by _____

Options :

Stage level recorder

Multi slot devisor

H - flume

V - notch

Question Number : 102 Question Id : 5799652381 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Diversion ditches are constructed for _____

Options :

Removal of flood

Interception and diversion of runoff

Diversion of runoff

Interception of runoff

Question Number : 103 Question Id : 5799652382 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In USLE the component which indicates the erosivity is

Options :

K

LS

CP

R

Question Number : 104 Question Id : 5799652383 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In excavated ponds, the storage to earth work ratio are generally around _____

Options :

2

1.5

1

1.7

Question Number : 105 Question Id : 5799652384 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Managing watershed in forest area is /are :

Options :

Practices of soil protection and flood control

Practices of increasing water yield

Practices of soil protection, flood control and increasing water yield

None of the given answers

Question Number : 106 Question Id : 5799652385 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Fan shaped watershed produces higher peak runoff than the fern shaped watershed because of

Options :

Greater watershed area

Greater time of concentration

Less time of concentration

None of the given answers

Question Number : 107 Question Id : 5799652386 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The maximum value of runoff coefficient can be up to

Options :

1

0.8

less than 0.5

None of the given answers

Question Number : 108 Question Id : 5799652387 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Gully erosion usually occurs in

Options :

Cultivated land

Uncultivated land

Ravine land

None of the given answers

Question Number : 109 Question Id : 5799652388 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The inward sloping terraces are suitable for ____ rainfall area having deep permeable soil

Options :

Low

High

Medium

All the given answers

Question Number : 110 Question Id : 5799652389 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The basic components of watershed cycle are

Options :

Rainfall

Canopy interception

Thorough fall

All the given answers

Question Number : 111 Question Id : 5799652390 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which one of the following is not the watershed development programme in India

Options :

IWM

NWDPR

HARIYALI

NRAA

Question Number : 112 Question Id : 5799652391 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

A subsurface drain removes

Options :

Hygroscopic water

Capillary water

Runoff water

Gravitational water

Question Number : 113 Question Id : 5799652392 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The drainage system layout in the field should start from the

Options :

Upstream

Outlet

Most easily accessible area

Worst affected area

Question Number : 114 Question Id : 5799652393 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Mole drains are suitable in

Options :

Highly cohesive and fibrous soil

sandy soil

Silty soil

Sandy clay loam soil

Question Number : 115 Question Id : 5799652394 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The type of tile drainage system, which is also known as double main system, is

Options :

Herringbone

Gridiron

Random

Cut off

Question Number : 116 Question Id : 5799652395 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Drainage coefficient is the depth of water removed in _____

Options :

12 hrs

18 hrs

24 hrs

6 hrs

Question Number : 117 Question Id : 5799652396 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In which type of cross drainage work, drainage water is taken over canal water

Options :

Syphon aqueduct

Super passage

Level crossing

Aqueduct

Question Number : 118 Question Id : 5799652397 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The drains located perpendicular to direction of ground water flow are known as

Options :

Relief

Interceptor

Open

None of the given answers

Question Number : 119 Question Id : 5799652398 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Drainage is required in regions where annual evaporation is

Options :

More than annual rainfall

Less than annual rainfall

In both cases of more than & less than annual rainfall

None of the given answers

Question Number : 120 Question Id : 5799652399 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Drip irrigation will be the most economical and beneficial in water scarcity areas to grow

Options :

Row crops

Vegetables

Orchard crops

Fodder crops

Question Number : 121 Question Id : 5799652400 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The major factor influencing the efficiency of a well designed sprinkler irrigation system is

Options :

operating pressure

Wind velocity

Sprinkler spacing

Diameter of sprinkler lateral

Question Number : 122 Question Id : 5799652401 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Drip irrigation system is not suitable for crops like

Options :

Rice

Groundnut

Orange

Tomato

Question Number : 123 Question Id : 5799652402 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Restricted root development of crops is the problem associated with

Options :

Furrow system

Sprinkler system

Drip irrigation system

Check basin irrigation system

Question Number : 124 Question Id : 5799652403 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The pressure drop through a media filter used in drip irrigation should not exceed

Options :

1.00 kg/cm²

0.5 kg/cm²

2.00 kg/cm²

2.5 kg/cm²

Question Number : 125 Question Id : 5799652404 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The acceptable emitter flow variation in design of drip irrigation system is

Options :

20 Percent

40 Percent

10 Percent

5 Percent

Question Number : 126 Question Id : 5799652405 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The diameter of the area covered by a rotating type permanent overhead type of sprinkler system ranges from

Options :

15 to 20 m

20 to 30 m

30 to 45 m

40 to 50 m

Question Number : 127 Question Id : 5799652406 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The most common type of field levellers used by farmers are

Options :

Wooden logs or planks

Tyend hoe

Wheel hoe

Harrow

Question Number : 128 Question Id : 5799652407 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

These type of furrow openers works well in trashy soil

Options :

Shovel type

Shoe type

Disc type

All the given answers

Question Number : 129 Question Id : 5799652408 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In land shaping operations the recommended cut-fill ratio is

Options :

Greater than one

Zero

Smaller than one

None of the given answers

Question Number : 130 Question Id : 5799652409 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In order to smoothen the irregularities resulting from tillage operations and to make small bunds__ can be used

Options :

Buck scraper

Float

Bund former

All the given answers

Question Number : 131 Question Id : 5799652410 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The transformers are rated in

Options :

KW

KVA

KV

None of the given answers

Question Number : 132 Question Id : 5799652411 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The inflation pressure of the front tyres of the tractor varies from _____ kg/cm²

Options :

2.0 to 2.5

0.8 to 1.5

4.5 to 6.5

5.5 to 6.5

Question Number : 133 Question Id : 5799652412 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Rocker arm is an essential part of _____ tractor system

Options :

Cooling system

Valve system

Lubrication system

Air cleaning system

Question Number : 134 Question Id : 5799652413 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The power transmitted by a belt is maximum when the maximum tension in the belt (T) is equal to

Options :

1Tc

2Tc

3Tc

4Tc

Question Number : 135 Question Id : 5799652414 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Spark plug gaps are kept in between _____ for satisfactory working of the engine

Options :

4 to 5 mm

0.5 to 0.85 mm

2.5 to 3.5 mm

None of the given answers

Question Number : 136 Question Id : 5799652415 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The angle between the center line of the king pin of the tractor and vertical line is called

Options :

Camber angle

Caster angle

Inclined angle

Toe-in

Question Number : 137 Question Id : 5799652416 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The power factor of a purely resistive circuit is

Options :

Lagging

Leading

Unity

Zero

Question Number : 138 Question Id : 5799652417 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The shaper is a reciprocating type of machine tool intended primarily to produce

Options :

Flat surface

Round surface

Taper shaped

Threading

Question Number : 139 Question Id : 5799652418 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The gear box is incorporated between the clutch and differential which is the solution of variable torque and

Options :

Speed

Velocity

Displacement

Acceleration

Question Number : 140 Question Id : 5799652419 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In a combine harvester, the ratio of reel peripheral speed to forward speed is known as

Options :

Velocity index

Reel speed index

Speed ratio

None of the given answers

Question Number : 141 Question Id : 5799652420 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

_____ is used for leaf shedding before operation of cotton picker

Options :

Liquid urea

Insecticide

Pesticide

Defoliant

Question Number : 142 Question Id : 5799652421 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The most common type of drill used today is

Options :

Twist drill

Straight fluted drill

Spade drill

Oil tube drill

Question Number : 143 Question Id : 5799652422 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Horizontal clearance in M.B. plough is responsible for

Options :

Proper width of cut

Plough penetration

Uniformity in depth

Side thrust

Question Number : 144 Question Id : 5799652423 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Draft of the implement depends upon

Options :

Working speed

Working width

Working depth

All the given answers

Question Number : 145 Question Id : 5799652424 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which one of the following is permanent structure on drain lines

Options :

Cement plug

Loose stone bund

Brush wood dam

Earthen plug

Question Number : 146 Question Id : 5799652425 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

For the installation of the hydraulic ram, a minimum fall from the stream to the ram required is

Options :

1m

2m

3m

5m

Question Number : 147 Question Id : 5799652426 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The piping type failure is very common in _____

Options :

Drop spillway

Drop-inlet spillway

Gabion spillway

Chute spillway

Question Number : 148 Question Id : 5799652427 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In hydrologic design of permanent structures, _____ is computed

Options :

Runoff volume

Dimensions of component of structure

Peak discharge

Either Runoff volume or Peak discharge

Question Number : 149 Question Id : 5799652428 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

An outlet is known to be sub-proportional if its flexibility is less than _____

Options :

1

1.5

2

3

Question Number : 150 Question Id : 5799652429 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The base width of the bund depends on _____

Options :

Hydraulic gradient of water in the soil

Angle of repose of the fill soil

Height of bund

All the given answers