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PGIMER ICMR-JRF

**Previous Year Paper
(Social Sciences C)
04 Dec, 2020**



Postgraduate Institute of Medical Education and Research PGIMER,Chandigarh

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

Question Paper Name :	Social Science
Subject Name :	Social Science C
Creation Date :	2020-12-04 18:25:32
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Number of Questions :	150
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Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console? :	No

Social Science

Group Number :	1
Group Id :	986068342
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	125
Is this Group for Examiner? :	No

Aptitude

Section Id :	986068519
Section Number :	1
Section type :	Online
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	50
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	986068592
Question Shuffling Allowed :	Yes

Question Number : 1 Is Question Mandatory : No Option Orientation : Vertical

Mammography is used in the screening of:

Options :

- 1. ✖ Carcinoma stomach
- 2. ✔ Breast cancer

3. ✖ Lung carcinoma
4. ✖ Thyroid carcinoma

Question Number : 2 Is Question Mandatory : No Option Orientation : Vertical

Vomit centre is located in

Options :

1. ✔ Medulla oblongata
2. ✖ Pons
3. ✖ Cerebellum
4. ✖ Spinal cord

Question Number : 3 Is Question Mandatory : No Option Orientation : Vertical

Thanatology deals with:

Options :

1. ✖ Metallic poison
2. ✖ Drug abuse
3. ✖ Bones
4. ✔ Death

Question Number : 4 Is Question Mandatory : No Option Orientation : Vertical

Red data book is a Russian document containing data of:

Options :

1. ✖ All plant species
2. ✖ All bird species
3. ✖ Economically important species
4. ✔ Endangered species

Question Number : 5 Is Question Mandatory : No Option Orientation : Vertical

We use which element to galvanize materials to prevent them from rusting?

Options :

1. ✓ Zinc
2. ✗ Titanium
3. ✗ Boron
4. ✗ Manganese

Question Number : 6 Is Question Mandatory : No Option Orientation : Vertical

Which of the following carries deoxygenated blood?

Options :

1. ✗ Carotid artery
2. ✓ Pulmonary artery
3. ✗ Pulmonary vein
4. ✗ Aorta

Question Number : 7 Is Question Mandatory : No Option Orientation : Vertical

Which of the following halogen is a liquid at room temperature?

Options :

1. ✓ Bromine
2. ✗ Chlorine
3. ✗ Iodine
4. ✗ Fluorine

Question Number : 8 Is Question Mandatory : No Option Orientation : Vertical

Common TV remote controls send signals using:

Options :

1. ✗ LASER
2. ✓ Infrared rays
3. ✗ Radiowaves
4. ✗ Gamma rays

Question Number : 9 Is Question Mandatory : No Option Orientation : Vertical

Glass is a:

Options :

1. ✓ Super-cooled liquid
2. ✗ Polymeric mixture
3. ✗ Micro-crystalline solid
4. ✗ Gel

Question Number : 10 Is Question Mandatory : No Option Orientation : Vertical

A radioactive element gets spilled over the floor of a room. Its half-life is 30 days. If the initial activity is ten times the permissible value, after how many days will it be safe to enter the room?

Options :

1. ✗ 10 days
2. ✓ 100 days
3. ✗ 300 days
4. ✗ 1000 days

Question Number : 11 Is Question Mandatory : No Option Orientation : Vertical

Hydrogen bomb is based on the principle of:

Options :

1. ✓ Nuclear fusion
2. ✗ Natural radioactivity
3. ✗ Artificial radioactivity
4. ✗ Nuclear fission

Question Number : 12 Is Question Mandatory : No Option Orientation : Vertical

Nylon threads are made of:

Options :

1. ✗ Polyester polymer
2. ✓ Polyamide polymer
3. ✗ Polyethylene polymer

4. ✖ Polyvinyl polymer

Question Number : 13 Is Question Mandatory : No Option Orientation : Vertical

The pyrimidine bases present in DNA are:

Options :

- 1. ✖ Cytosine and thymidine
- 2. ✖ Cytidine and thymidine
- 3. ✔ Cytosine and thymine
- 4. ✖ Cytosine and thiamine

Question Number : 14 Is Question Mandatory : No Option Orientation : Vertical

Cervical cancer is strongly associated with:

Options :

- 1. ✔ Viral infection
- 2. ✖ Alcohol consumption
- 3. ✖ Infertility
- 4. ✖ Obesity

Question Number : 15 Is Question Mandatory : No Option Orientation : Vertical

Which of the following element is used as the photoconductive material used in the drum of photocopier machine?

Options :

- 1. ✖ Aluminium
- 2. ✔ Selenium
- 3. ✖ Barium
- 4. ✖ Caesium

Question Number : 16 Is Question Mandatory : No Option Orientation : Vertical

The red soil is red in colour because it is:

Options :

1. ✖ Rich in humus
2. ✔ Rich in iron compounds
3. ✖ Rich in potash
4. ✖ Derived from volcanic origin

Question Number : 17 Is Question Mandatory : No Option Orientation : Vertical

In a single throw of two dices, what is the probability of getting a sum of 8 or 11?

Options :

1. ✖ $1/36$
2. ✖ $3/36$
3. ✖ $5/36$
4. ✔ $7/36$

Question Number : 18 Is Question Mandatory : No Option Orientation : Vertical

Hypermetropia is:

Options :

1. ✖ image of nearby objects is formed in front of retina
2. ✖ Far objects look blurred
3. ✖ Near sightedness
4. ✔ Long sightedness

Question Number : 19 Is Question Mandatory : No Option Orientation : Vertical

A railway carriage having a mass of 5000 kg is moving with a speed of 12 m/sec on a curve of 150 m radius. If the track is level (i.e. without super elevation) find the lateral thrust on the outer rail?

Options :

1. ✖ 400 N
2. ✖ 3600 N
3. ✔ 4800 N
4. ✖ 5208 N

Question Number : 20 Is Question Mandatory : No Option Orientation : Vertical

When light passes from air to glass, its velocity:

Options :

- 1. ✖ Increases
- 2. ✔ Decreases
- 3. ✖ Remains same
- 4. ✖ May or may not change

Question Number : 21 Is Question Mandatory : No Option Orientation : Vertical

Golden revolution refers to:

Options :

- 1. ✖ Gold demonetization
- 2. ✖ Production of oil seeds
- 3. ✔ Production of horticulture
- 4. ✖ Production of eggs

Question Number : 22 Is Question Mandatory : No Option Orientation : Vertical

Cynophobia is:

Options :

- 1. ✖ Fear of clouds
- 2. ✔ Fear of dogs
- 3. ✖ Fear of blue colour
- 4. ✖ Fear of snow

Question Number : 23 Is Question Mandatory : No Option Orientation : Vertical

One kilometre is equal to how many miles?

Options :

- 1. ✖ 0.84
- 2. ✖ 0.5
- 3. ✖ 1.6

4. ✓ 0.62

Question Number : 24 Is Question Mandatory : No Option Orientation : Vertical

What is the shape of a classical shaving mirror?

Options :

- 1. ✗ Flat
- 2. ✓ Concave
- 3. ✗ Planoconcave
- 4. ✗ Convex

Question Number : 25 Is Question Mandatory : No Option Orientation : Vertical

Supernova is:

Options :

- 1. ✗ A black hole
- 2. ✓ An explosion of a star
- 3. ✗ A comet
- 4. ✗ An asteroid

Question Number : 26 Is Question Mandatory : No Option Orientation : Vertical

The deepest oceanic trench is located in which ocean?

Options :

- 1. ✓ Pacific ocean
- 2. ✗ Atlantic ocean
- 3. ✗ Indian ocean
- 4. ✗ Arctic ocean

Question Number : 27 Is Question Mandatory : No Option Orientation : Vertical

The umbilical cord contains:

Options :

- 1. ✗ Two veins and one artery

- 2. ✖ Two arteries and two veins
- 3. ✔ Two arteries and one vein
- 4. ✖ One artery and one vein

Question Number : 28 Is Question Mandatory : No Option Orientation : Vertical

Ocean tides are created because of:

Options :

- 1. ✔ Gravitational pull of moon
- 2. ✖ Gravitational pull of earth
- 3. ✖ Rotation of earth
- 4. ✖ Gravitational pull of sun

Question Number : 29 Is Question Mandatory : No Option Orientation : Vertical

Red light is used for signals because it has:

Options :

- 1. ✖ High frequency
- 2. ✔ Long wavelength
- 3. ✖ High intensity
- 4. ✖ Low refraction

Question Number : 30 Is Question Mandatory : No Option Orientation : Vertical

The sum of the digits of a two-digit number is 7. The number obtained by interchanging the digits exceeds the original number by 27. Find the original number:

Options :

- 1. ✖ 34
- 2. ✔ 25
- 3. ✖ 43
- 4. ✖ 52

Question Number : 31 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is true regarding bright red colour of sun during sunset and sunrise?

Options :

1. ✖ Sun's surface temperature is high at that time
2. ✔ Light other than red is scattered as rays have to travel longer distance
3. ✖ Red rays are scattered while travelling longer distance
4. ✖ Due to electromagnetic phenomenon at Sun's surface during that time

Question Number : 32 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is NOT a Kharif crop?

Options :

1. ✖ Maize
2. ✔ Mustard
3. ✖ Rice
4. ✖ Sugarcane

Question Number : 33 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is NOT a SAARC country?

Options :

1. ✖ Afghanistan
2. ✖ Pakistan
3. ✖ Nepal
4. ✔ Indonesia

Question Number : 34 Is Question Mandatory : No Option Orientation : Vertical

Lunar eclipse occurs when:

Options :

1. ✔ Earth comes in between Sun and Moon
2. ✖ Moon comes in between Sun and Earth
3. ✖ Sun comes in between Earth and Moon
4. ✖ Mars comes in between Sun and Earth

Question Number : 35 Is Question Mandatory : No Option Orientation : Vertical

Headquarters of United Nations (UNO) are in:

Options :

- 1. ✖ Geneva
- 2. ✔ New York
- 3. ✖ Sydney
- 4. ✖ Washington

Question Number : 36 Is Question Mandatory : No Option Orientation : Vertical

WHO declared COVID-19 as a Pandemic on:

Options :

- 1. ✖ 1st January, 2020
- 2. ✖ 1st December, 2019
- 3. ✖ 30th January, 2020
- 4. ✔ 11th March, 2020

Question Number : 37 Is Question Mandatory : No Option Orientation : Vertical

The most abundant element in the universe is:

Options :

- 1. ✖ Oxygen
- 2. ✔ Hydrogen
- 3. ✖ Carbon Dioxide
- 4. ✖ Silicon

Question Number : 38 Is Question Mandatory : No Option Orientation : Vertical

The Theory of Motivation by Maslow is based on:

Options :

- 1. ✖ Theories X and Y
- 2. ✖ Two factor Theory

- 3. ✓ Hierarchy of Needs
- 4. ✗ Motivator- Hygiene Theory

Question Number : 39 Is Question Mandatory : No Option Orientation : Vertical

Similarity index is useful for assessing:

Options :

- 1. ✗ Novelty
- 2. ✗ Conciseness
- 3. ✗ Correctness of translation
- 4. ✓ Plagiarism

Question Number : 40 Is Question Mandatory : No Option Orientation : Vertical

Emmanuelle Charpentier and Jennifer A. Doudna have been awarded the Nobel Prize in Chemistry in 2020 for their work on:

Options :

- 1. ✗ Development of lithium ion batteries
- 2. ✗ Phage display of peptides and antibodies
- 3. ✓ CRISPR/Cas9 genetic scissors
- 4. ✗ Discovery of hepatitis C virus

Question Number : 41 Is Question Mandatory : No Option Orientation : Vertical

A scientist is weighing each of 30 fishes. Their mean weight worked out is 30 gm and a standard deviation of 2 gm. Later, it was found that the measuring scale was misaligned and always under reported every fish weight by 2 gm. The correct mean and standard deviation (in gm) of fishes are respectively:

Options :

- 1. ✗ 28, 2
- 2. ✗ 28, 4
- 3. ✓ 32, 2
- 4. ✗ 32, 4

Question Number : 42 Is Question Mandatory : No Option Orientation : Vertical

The mean, median, mode of a data set are 135, 133 and 130, respectively. The distribution of the data set is:

Options :

1. ✖ Symmetrical
2. ✖ Negatively skewed
3. ✔ Positively skewed
4. ✖ Normal

Question Number : 43 Is Question Mandatory : No Option Orientation : Vertical

Specificity of a test:

Options :

1. ✖ Is the same as the true positive rate
2. ✖ Is the same as the false positive rate
3. ✖ Is the ability of a test to correctly identify patients with the disease
4. ✔ Is the ability of a test to correctly identify patients without the disease

Question Number : 44 Is Question Mandatory : No Option Orientation : Vertical

What type of bias is reduced by randomisation?

Options :

1. ✖ Ascertainment Bias
2. ✔ Selection bias
3. ✖ Publication bias
4. ✖ Bias in handling dropout

Question Number : 45 Is Question Mandatory : No Option Orientation : Vertical

Non-parametric data is best represented by:

Options :

1. ✖ Mean and Standard deviation

2. ✓ Median and Interquartile range
3. ✗ Mode and interquartile
4. ✗ Median and standard deviatio

Question Number : 46 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is a method of integrating the findings of prior research studies using statistical procedures?

Options :

1. ✓ Meta-analysis
2. ✗ Secondary analysis
3. ✗ Content analysis
4. ✗ Grounded theory

Question Number : 47 Is Question Mandatory : No Option Orientation : Vertical

The reporting of results is preferred to report with confidence intervals (CIs) as compared to p-value because:

Options :

1. ✗ CIs are easy to interpret as compared to the p-value
2. ✓ The CIs provide significance and variability of the estimate
3. ✗ CIs are more accurate for studies with a large sample size
4. ✗ CIs are easy to calculate as compared to the p-values

Question Number : 48 Is Question Mandatory : No Option Orientation : Vertical

Which of the following mean is not used to report measure of central tendency?

Options :

1. ✗ Arithmetic mean
2. ✗ Geometric mean
3. ✓ Relative mean
4. ✗ Harmonic mean

Question Number : 49 Is Question Mandatory : No Option Orientation : Vertical

What is the best way to minimize the chances of a type-I error in a diagnostics test?

Options :

- 1. ✖ Improving the sensitivity of the test
- 2. ✔ Improving the specificity of the test
- 3. ✖ Reducing the prevalence of the disease
- 4. ✖ Reducing the incidence of the disease

Question Number : 50 Is Question Mandatory : No Option Orientation : Vertical

What does the term 'longitudinal study design' mean?

Options :

- 1. ✖ A study completed far away from where the researcher lives.
- 2. ✖ A study which is very long to read.
- 3. ✖ A study with two long arms.
- 4. ✔ A study completed over a distinct period of time to map changes.

Social Science

Section Id :	986068520
Section Number :	2
Section type :	Online
Number of Questions :	100
Number of Questions to be attempted :	75
Section Marks :	75
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	986068593
Question Shuffling Allowed :	Yes

Question Number : 51 Is Question Mandatory : No Option Orientation : Vertical

“Alice in Wonderland” syndrome is associated with which of the following infection?

Options :

- 1. ✖ Cytomegalovirus
- 2. ✖ Herpes simplex
- 3. ✔ Epstein-Barr Virus
- 4. ✖ HIV

Question Number : 52 Is Question Mandatory : No Option Orientation : Vertical

The concept that abnormal behaviour is the result of a disease goes with the:

Options :

- 1. ✔ medical model
- 2. ✖ psychological model
- 3. ✖ humanistic model
- 4. ✖ behavioural model

Question Number : 53 Is Question Mandatory : No Option Orientation : Vertical

Delusional thinking is characteristic of:

Options :

- 1. ✖ Fugue
- 2. ✔ Psychosis
- 3. ✖ Conversion disorder
- 4. ✖ Obsessive compulsive disorder (OCD)

Question Number : 54 Is Question Mandatory : No Option Orientation : Vertical

Sleepwalking is called:

Options :

- 1. ✖ Narcolepsy
- 2. ✖ Somnolence
- 3. ✔ Somnambulism

4. ✖ Cataplexy

Question Number : 55 Is Question Mandatory : No Option Orientation : Vertical

If reinforcement is withheld, response rate decreases and finally no response is shown this is called as:

Options :

1. ✖ Punishment
2. ✖ Negative Reinforcement
3. ✖ Positive Reinforcement
4. ✔ Extinction

Question Number : 56 Is Question Mandatory : No Option Orientation : Vertical

Oedipus complex is observed in which stage of psychosexual development?

Options :

1. ✔ Phallic stage
2. ✖ Genital stage
3. ✖ Oral stage
4. ✖ Anal stage

Question Number : 57 Is Question Mandatory : No Option Orientation : Vertical

Theories of counseling or psychotherapeutic interventions may help an adolescent in:

Options :

1. ✖ Cleanliness
2. ✔ Behavioural problem
3. ✖ Family problem
4. ✖ Emotional content

Question Number : 58 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is classified as a mood disorder?

Options :

1. ✖ Dissociative disorder
2. ✔ Bipolar disorder
3. ✖ Multiple personality disorder
4. ✖ Delusional disorder

Question Number : 59 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is a characteristic of a dissociative disorder?

Options :

1. ✔ Amnesia
2. ✖ Paranoia
3. ✖ Depression
4. ✖ Phobic disorder

Question Number : 60 Is Question Mandatory : No Option Orientation : Vertical

Accumulated knowledge of the world we have acquired throughout our lives is called:

Options :

1. ✖ Fluid intelligence
2. ✔ Crystallized intelligence
3. ✖ Cultural intelligence
4. ✖ Successful intelligence

Question Number : 61 Is Question Mandatory : No Option Orientation : Vertical

The part of the brain that is responsible for coordination and balance is:

Options :

1. ✖ Cortex
2. ✔ Cerebellum
3. ✖ Basal ganglia
4. ✖ Brain stem

Question Number : 62 Is Question Mandatory : No Option Orientation : Vertical

The ability to perceive and communicate accurately and with sensitivity both feeling and experiences of client and their meaning and significance is:

Options :

1. ✖ Acceptance
2. ✖ Concern
3. ✖ Respect
4. ✔ Empathy

Question Number : 63 Is Question Mandatory : No Option Orientation : Vertical

Defense mechanism not seen in Obsessive compulsive disorder (OCD) is:

Options :

1. ✖ Reaction formation
2. ✔ Projection
3. ✖ Isolation
4. ✖ Undoing

Question Number : 64 Is Question Mandatory : No Option Orientation : Vertical

Attention Deficit Hyperactivity Disorder (ADHD) is a childhood disorder is a type of:

Options :

1. ✖ Hyperstasis disorders
2. ✔ Hyperkinetic disorders
3. ✖ Hyperactivity disorders
4. ✖ Hypokinetic disorders

Question Number : 65 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is a widely-used classical conditioning method for treating nocturnal enuresis?

Options :

1. ✖ Bell-and-whistle technique
2. ✔ Bell-and-battery technique

3. ✖ Alarm system technique
4. ✖ Bell book and candle technique

Question Number : 66 Is Question Mandatory : No Option Orientation : Vertical

Suicidal behaviour, associated with over-regulation of society norms is understood as:

Options :

1. ✖ Anomic suicide
2. ✖ Altruistic Suicide
3. ✔ Fatalistic Suicide
4. ✖ Egoistic Suicide

Question Number : 67 Is Question Mandatory : No Option Orientation : Vertical

Queer Theory is an interdisciplinary approach related to studies of:

Options :

1. ✔ Sexuality
2. ✖ Equality
3. ✖ Nationality
4. ✖ Futility

Question Number : 68 Is Question Mandatory : No Option Orientation : Vertical

Imposition of own cultural norms on others is known as:

Options :

1. ✔ Cultural Imperialism
2. ✖ Cultural Shock
3. ✖ Cultural Relativism
4. ✖ Non-material culture

Question Number : 69 Is Question Mandatory : No Option Orientation : Vertical

"The Rules of Sociological Method" is the famous work of:

Options :

1. ✓ Emile Durkheim
2. ✗ Auguste Comte
3. ✗ Karl Marx
4. ✗ Max Weber

Question Number : 70 Is Question Mandatory : No Option Orientation : Vertical

Empty Nest Syndrome, which is understood as a variant of depression is seen among:

Options :

1. ✗ Young adults
2. ✗ Children
3. ✓ Elderly
4. ✗ Adolescents

Question Number : 71 Is Question Mandatory : No Option Orientation : Vertical

When the study subjects behave in a certain manner due to their awareness of being observed by a researcher, is known as:

Options :

1. ✗ Pearson effect
2. ✓ Hawthorne effect
3. ✗ Dodo Bird Effect
4. ✗ Placebo Effect

Question Number : 72 Is Question Mandatory : No Option Orientation : Vertical

Killing one's wife is known as:

Options :

1. ✓ Uxoricide
2. ✗ Filicide
3. ✗ Marticide
4. ✗ Prolicide

Question Number : 73 Is Question Mandatory : No Option Orientation : Vertical

Caste, class and race are basis of:

Options :

- 1. ✓ Social Stratification
- 2. ✗ Disintegration
- 3. ✗ Integration
- 4. ✗ Society

Question Number : 74 Is Question Mandatory : No Option Orientation : Vertical

Non-conformity to Social Norm is called:

Options :

- 1. ✗ Social change
- 2. ✓ Deviance
- 3. ✗ Social Conflict
- 4. ✗ Struggle

Question Number : 75 Is Question Mandatory : No Option Orientation : Vertical

Which among the following is a religious group that revolts against the prevalent conventions?

Options :

- 1. ✗ Cult
- 2. ✓ Sect
- 3. ✗ Ecclesia
- 4. ✗ Caste group

Question Number : 76 Is Question Mandatory : No Option Orientation : Vertical

The deliberate annihilation of a targeted group is known as:

Options :

- 1. ✓ Genocide
- 2. ✗ Fratricide
- 3. ✗ Omnicide

4. ✖ Ecocide

Question Number : 77 Is Question Mandatory : No Option Orientation : Vertical

Subclinical inability to identify and describe emotions experienced by one's self or others is:

Options :

- 1. ✖ Barythymia
- 2. ✖ Hyperthymia
- 3. ✔ Alexithymia
- 4. ✖ Hypothymia

Question Number : 78 Is Question Mandatory : No Option Orientation : Vertical

Philosophical and theoretical frameworks used within a discipline to formulate theories, generalizations, and the experiments performed in support of them:

Options :

- 1. ✖ Functionalism
- 2. ✖ Reification
- 3. ✔ Paradigms
- 4. ✖ Hypothesis

Question Number : 79 Is Question Mandatory : No Option Orientation : Vertical

Labeling theory is related to:

Options :

- 1. ✖ Social Control
- 2. ✖ Social Support
- 3. ✔ Stigma
- 4. ✖ Strength

Question Number : 80 Is Question Mandatory : No Option Orientation : Vertical

Which of the following societies operate on a strict hierarchical system of power based around land ownership and protection?

Options :

1. ✖ Industrial societies
2. ✖ Horticultural societies
3. ✖ Agricultural societies
4. ✔ Feudal societies

Question Number : 81 Is Question Mandatory : No Option Orientation : Vertical

Insulting someone in an online discussion using ugly and cruel language is known as:

Options :

1. ✖ Degradation
2. ✔ Flaming
3. ✖ Harassment
4. ✖ Masquerading

Question Number : 82 Is Question Mandatory : No Option Orientation : Vertical

Human Capital Method is used to estimate:

Options :

1. ✖ Direct cost
2. ✔ Productivity cost
3. ✖ Opportunity cost
4. ✖ Marginal cost

Question Number : 83 Is Question Mandatory : No Option Orientation : Vertical

Desirable quality that when achieved, results in equitable access and exposure to social, political and economic resources, this is known as:

Options :

1. ✖ Health equity
2. ✖ Legal barriers
3. ✖ Social gradient
4. ✔ Social justice

Question Number : 84 Is Question Mandatory : No Option Orientation : Vertical

"Capitation" Means:

Options :

1. ✓ Amount established to cover the cost of health care services delivered to a person for a specific time
2. ✗ A fixed payment (usually monthly or yearly)
3. ✗ A prospective cost reimbursement classification system for in-patient services based on diagnosis
4. ✗ The amount of money that flows from payers to an insurance plan

Question Number : 85 Is Question Mandatory : No Option Orientation : Vertical

"A state of having limited knowledge where it is impossible to exactly describe the existing state, a future outcome" best describes:

Options :

1. ✗ Asymmetric information
2. ✗ Utilization
3. ✓ Uncertainty
4. ✗ Financial Security

Question Number : 86 Is Question Mandatory : No Option Orientation : Vertical

Sonia goes to market only to find out that the recent cyclone destroyed most produce of fruits and vegetables. Which principle is applied?

Options :

1. ✗ Consumers want to maximize satisfaction of their needs.
2. ✗ Producers want to maximize profit.
3. ✓ There is scarcity of resources
4. ✗ Human needs are insatiable

Question Number : 87 Is Question Mandatory : No Option Orientation : Vertical

Which is NOT a component of social case work?

Options :

1. ✖ Person
2. ✖ Problem
3. ✖ Place
4. ✔ Program

Question Number : 88 Is Question Mandatory : No Option Orientation : Vertical

Infant Mortality Rate refers to

Options :

1. ✖ Number of infant deaths (less than 28 days) per thousand live births
2. ✔ Number of infant deaths (less than one year) per thousand live births
3. ✖ Number of infant deaths (one to two years) per thousand live births
4. ✖ Number of infant deaths (less than five years) per thousand live births

Question Number : 89 Is Question Mandatory : No Option Orientation : Vertical

The systematized and established way of living together is:

Options :

1. ✖ society
2. ✖ community
3. ✖ social structure
4. ✔ Institution

Question Number : 90 Is Question Mandatory : No Option Orientation : Vertical

'Power' is gained whereas 'Authority' is:

Options :

1. ✖ possessed
2. ✔ vested
3. ✖ acquired
4. ✖ imposed

Question Number : 91 Is Question Mandatory : No Option Orientation : Vertical

Self Esteem is a:

Options :

- 1. ✔ Trait
- 2. ✘ Norm
- 3. ✘ Ritual
- 4. ✘ Personality

Question Number : 92 Is Question Mandatory : No Option Orientation : Vertical

Robert Chambers is best associated with:

Options :

- 1. ✔ Rapid rural appraisal
- 2. ✘ Business
- 3. ✘ Social enterprise
- 4. ✘ Healthy cities

Question Number : 93 Is Question Mandatory : No Option Orientation : Vertical

Which among the following is NOT a correct principle of social work?

Options :

- 1. ✘ Confidentiality
- 2. ✔ Rapport building
- 3. ✘ Acceptance
- 4. ✘ Self determination

Question Number : 94 Is Question Mandatory : No Option Orientation : Vertical

Completion of the task and breaking up the team is:

Options :

- 1. ✘ Performing
- 2. ✘ Forming

3. ✖ Storming

4. ✔ Mourning

Question Number : 95 Is Question Mandatory : No Option Orientation : Vertical

Which is NOT a philosophical basis of social work?

Options :

1. ✖ Humanitarianism

2. ✔ Autocracy

3. ✖ Liberalism

4. ✖ Democracy

Question Number : 96 Is Question Mandatory : No Option Orientation : Vertical

Which among the following is NOT guarantee to citizens by Indian Constitution?

Options :

1. ✖ Freedom of speech

2. ✔ Right to employment

3. ✖ Right to equality

4. ✖ Freedom of movement

Question Number : 97 Is Question Mandatory : No Option Orientation : Vertical

POCSO stands for?

Options :

1. ✔ Protection of children from sexual offences

2. ✖ Protection of children from social offences

3. ✖ Prevention of children from sexual offences

4. ✖ Prevention of children from social offences

Question Number : 98 Is Question Mandatory : No Option Orientation : Vertical

The planning commission of India is replaced by:

Options :

1. ✔ NITI Aayog
2. ✖ National Judicial Appointments Commission (NJAC)
3. ✖ Pradhan Mantri Jan-Dhan Yojana
4. ✖ University Grants Commission (UGC)

Question Number : 99 Is Question Mandatory : No Option Orientation : Vertical

According to this perspective, group in society are engaged in a continuous power struggle for control of scarce resources:

Options :

1. ✖ Interactionist
2. ✔ Conflict
3. ✖ Interpretive
4. ✖ Critical

Question Number : 100 Is Question Mandatory : No Option Orientation : Vertical

The tendency to view one's own culture as the most superior is:

Options :

1. ✖ Relativism
2. ✔ Ethnocentrism
3. ✖ Xenocentrism
4. ✖ Eurocentrism

Question Number : 101 Is Question Mandatory : No Option Orientation : Vertical

The first meeting with the client in social case work is known as:

Options :

1. ✖ Screening
2. ✔ Intake
3. ✖ Warm-Up
4. ✖ Consultation

Question Number : 102 Is Question Mandatory : No Option Orientation : Vertical

The female athlete triad characterizes:

Options :

1. ✖ Disordered eating, anaemia and osteoporosis
2. ✔ Disordered eating, menstrual disturbances and osteoporosis
3. ✖ Disordered eating, anaemia and underweight
4. ✖ Binge eating, osteoporosis and amenorrhea

Question Number : 103 Is Question Mandatory : No Option Orientation : Vertical

The science of Nutrigenomics studies the relationship of:

Options :

1. ✖ nutrients and their effect on DNA
2. ✖ genes with dietary nutrients and their effect on DNA
3. ✖ nutrients and genes
4. ✔ genes with dietary nutrients and their effect on individual's health

Question Number : 104 Is Question Mandatory : No Option Orientation : Vertical

BCG vaccine provides:

Options :

1. ✖ Natural active immunity
2. ✔ Artificial active immunity
3. ✖ Artificial passive immunity
4. ✖ Natural passive immunity

Question Number : 105 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is not a theory of clothing?

Options :

1. ✖ Modesty theory
2. ✔ Individuality theory
3. ✖ Protection theory

4. ✖ Adornment theory

Question Number : 106 Is Question Mandatory : No Option Orientation : Vertical

Scurvy is a disease caused by deficiency of:

Options :

- 1. ✖ Vitamin A
- 2. ✖ Vitamin B
- 3. ✔ Vitamin C
- 4. ✖ Vitamin D

Question Number : 107 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is a J-shaped organ in the human body?

Options :

- 1. ✖ Pineal gland
- 2. ✖ Pancreas
- 3. ✖ Duodenum
- 4. ✔ Stomach

Question Number : 108 Is Question Mandatory : No Option Orientation : Vertical

People who are vegan, do not eat which of the following?

Options :

- 1. ✖ Nuts
- 2. ✖ Legumes
- 3. ✖ Grains
- 4. ✔ Cheese

Question Number : 109 Is Question Mandatory : No Option Orientation : Vertical

DASH diet is recommended for which of the following disorders:

Options :

- 1. ✖ Peptic ulcer

2. ✓ Hypertension
3. ✗ Nephrotic syndrome
4. ✗ Diabetes

Question Number : 110 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is the most widely used field method of body composition assessment?

Options :

1. ✗ Body Mass Index (BMI)
2. ✗ Dual Energy X-Ray Absorptiometry (DEXA)
3. ✓ Bioelectrical Impedance Analysis (BIA)
4. ✗ Total Body Water measurement (TBW)

Question Number : 111 Is Question Mandatory : No Option Orientation : Vertical

The total energy required over 24 hours divided by the energy needed for basal metabolism over 24 hour is defined as -----

Options :

1. ✓ Physical activity level (PAL)
2. ✗ Physical activity ratio (PAR)
3. ✗ Thermic effect of feed (TEF)
4. ✗ Resting energy expenditure (REE)

Question Number : 112 Is Question Mandatory : No Option Orientation : Vertical

The milk sugar lactose is an example of a:

Options :

1. ✗ Monosaccharide
2. ✓ Disaccharide
3. ✗ Polysaccharide
4. ✗ Oligosaccharide

Question Number : 113 Is Question Mandatory : No Option Orientation : Vertical

The conversion of glucose to lactate in the skeletal muscle on exertion and then lactate to glucose in the liver is known as -----.

Options :

1. ✓ Cori cycling
2. ✗ TCA cycling
3. ✗ Urea cycle
4. ✗ Carnitine cycle

Question Number : 114 Is Question Mandatory : No Option Orientation : Vertical

Pulses are deficient in:

Options :

1. ✗ Lysine
2. ✓ Methionine
3. ✗ Glutamic acid
4. ✗ Tyrosine

Question Number : 115 Is Question Mandatory : No Option Orientation : Vertical

Which of the following amino acid is essential?

Options :

1. ✗ Glycine
2. ✗ Glutamine
3. ✗ Asparagines
4. ✓ Tryptophan

Question Number : 116 Is Question Mandatory : No Option Orientation : Vertical

A group of lactic acid producing bacteria that appear to provide a range of positive digestive benefits are known as

Options :

1. ✗ Nutribiotics
2. ✗ Gastrobiotics

3. ✓ Probiotics

4. ✗ Bio products

Question Number : 117 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is the best source of omega-3 fatty acids?

Options :

1. ✗ Corn oil

2. ✗ Wheat products

3. ✓ Sardines

4. ✗ Pork

Question Number : 118 Is Question Mandatory : No Option Orientation : Vertical

Removal of temporary hardness of water is done by:

Options :

1. ✗ Ion exchange method

2. ✓ Clark's process

3. ✗ Synthetic resins methods

4. ✗ Calgon process

Question Number : 119 Is Question Mandatory : No Option Orientation : Vertical

Inadequate supply of oxygen to the tissues is called:

Options :

1. ✗ Anaemia

2. ✗ Anorexia

3. ✓ Hypoxia

4. ✗ Bulimia

Question Number : 120 Is Question Mandatory : No Option Orientation : Vertical

Which of the following refers to trans fats?

Options :

1. ✔ Unsaturated fats that are partially hydrogenated
2. ✖ Fats high in omega -3 fatty acids
3. ✖ Fats that are neither saturated nor unsaturated
4. ✖ Saturated fats converted into unsaturated fats.

Question Number : 121 Is Question Mandatory : No Option Orientation : Vertical

A 45-year-old man is found to have a condition in which the parietal cells of his stomach have been destroyed by an autoimmune mechanism. This condition is often associated with which of the following?

Options :

1. ✔ Pernicious anaemia
2. ✖ Gastric ulceration
3. ✖ Steatorrhea
4. ✖ Protein deficiency

Question Number : 122 Is Question Mandatory : No Option Orientation : Vertical

Most appropriate measure to compare the variability of two or more data sets involving different measurement units is:

Options :

1. ✖ Standard deviation
2. ✖ Mean deviation
3. ✔ Coefficient of variation
4. ✖ Quartile deviation

Question Number : 123 Is Question Mandatory : No Option Orientation : Vertical

In a class of 100 students, there are 70 boys whose average marks in a subject are 75. If the average marks of the complete class is 72, then what is the average of the girls?

Options :

1. ✔ 65
2. ✖ 68

3. ✖ 73

4. ✖ 74

Question Number : 124 Is Question Mandatory : No Option Orientation : Vertical

Random sampling is also called:

Options :

1. ✔ Probability sampling

2. ✖ Non-probability sampling

3. ✖ Sampling error

4. ✖ Random error

Question Number : 125 Is Question Mandatory : No Option Orientation : Vertical

All the students of a class performed poorly in Mathematics. The teacher decided to give grace marks of 10 to each of the student. Which of the following statistical measures will not change even after the grace marks were given?

Options :

1. ✖ median

2. ✖ mode

3. ✔ variance

4. ✖ mean

Question Number : 126 Is Question Mandatory : No Option Orientation : Vertical

The mean of the data set comprising of 16 observations is 16. If one of the observations valued 16 is deleted and three new observations valued 3, 4 and 5 are added to the data, then the mean of the resultant data is:

Options :

1. ✖ 16

2. ✖ 15.8

3. ✔ 14

4. ✖ 16.8

Question Number : 127 Is Question Mandatory : No Option Orientation : Vertical

Standard error is:

Options :

1. ✓ Standard deviation of the plotted means derived through repeated sampling
2. ✗ Variance of the plotted means derived through repeated sampling
3. ✗ Average of all standard deviations derived through repeated sampling
4. ✗ Average of all variance derived through repeated sampling

Question Number : 128 Is Question Mandatory : No Option Orientation : Vertical

All of the following statistics are measures of central tendency, EXCEPT

Options :

1. ✓ Confidential interval
2. ✗ Mean
3. ✗ Median
4. ✗ Mode

Question Number : 129 Is Question Mandatory : No Option Orientation : Vertical

Which is the characteristic of Altman Nomogram?

Options :

1. ✓ The lower line in the vertical scale represents significance level 0.01
2. ✗ The lower line in the vertical scale represents significance level 0.05
3. ✗ Standardized difference plotted in 'X' axis
4. ✗ Power is plotted in 'X' axis

Question Number : 130 Is Question Mandatory : No Option Orientation : Vertical

Yates' correction is used for:

Options :

1. ✓ Chi square test
2. ✗ Rank sum correlation

- 3. ✖ ANOVA
- 4. ✖ Parametric tests

Question Number : 131 Is Question Mandatory : No Option Orientation : Vertical

The median of a set of 9 distinct observations is 20.5. If each of the largest 4 observations of the set is increased by 2, then the median of the new set:

Options :

- 1. ✖ Is increased by 2
- 2. ✖ Is decreased by 2
- 3. ✔ Is two times the original median
- 4. ✖ Remains the same as that of the original set

Question Number : 132 Is Question Mandatory : No Option Orientation : Vertical

What happens to the area of a square when its side is halved? Its area will be?

Options :

- 1. ✖ Remains same
- 2. ✖ Becomes half
- 3. ✖ Becomes one eighth
- 4. ✔ Becomes one fourth

Question Number : 133 Is Question Mandatory : No Option Orientation : Vertical

Which of the following assumptions is incorrect in the analysis of variance (ANOVA):

Options :

- 1. ✖ Independence of observations
- 2. ✔ Various effects are multiplicative
- 3. ✖ Constant error Variance
- 4. ✖ Normality of data

Question Number : 134 Is Question Mandatory : No Option Orientation : Vertical

Twenty five children are chosen randomly from a school playground. Their heights are measured

when they first come into school the next morning, and again just before they go home that same evening. What statistical test could be used to test the hypothesis that their morning heights are no different from their evening heights?

Options :

1. ✖ Unpaired t-test
2. ✔ Paired t-test
3. ✖ Z-test
4. ✖ Regression analysis

Question Number : 135 Is Question Mandatory : No Option Orientation : Vertical

What is not essential to apply correct statistical test?

Options :

1. ✖ Independent variable
2. ✖ Dependent Variable
3. ✖ Measurement scale
4. ✔ Alpha Level

Question Number : 136 Is Question Mandatory : No Option Orientation : Vertical

Gita drives to the North of her home at A and after travelling 25 km finds that she has gone in the wrong direction. She then turns to her right and travels 2 km and then she again turns to the right and drives straight another 25 km. How much distance has she now to cover to go back to the starting point?

Options :

1. ✖ 25 km
2. ✔ 2 km
3. ✖ 4 km
4. ✖ 40 km

Question Number : 137 Is Question Mandatory : No Option Orientation : Vertical

Which dating method deals with tree ring growth?

Options :

1. ✖ Carbon dating
2. ✖ Potassium Argon dating
3. ✔ Dendrochronology
4. ✖ Palaeomagnetic dating

Question Number : 138 Is Question Mandatory : No Option Orientation : Vertical

Marriage in which a man marries sister of his wife is known as:

Options :

1. ✔ Sororate
2. ✖ Levirage
3. ✖ Polyandry
4. ✖ Parallel cousin marriage

Question Number : 139 Is Question Mandatory : No Option Orientation : Vertical

Microliths were the characteristic stone tools of:

Options :

1. ✖ The Lower Palaeolithic culture
2. ✖ Middle Palaeolithic culture
3. ✔ Mesolithic culture
4. ✖ Neolithic culture

Question Number : 140 Is Question Mandatory : No Option Orientation : Vertical

Claude Levi-Strauss is known for his theory of:

Options :

1. ✔ Structuralism
2. ✖ Marxism
3. ✖ Neo-evolutionism
4. ✖ Materialism

Question Number : 141 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is the best definition of a matrilineal society?

Options :

1. ✖ A society in which the female child marries outside of the lineage and then she and her husband reside with her mother
2. ✖ A society in which women have power over the day-to-day events in the community
3. ✔ A society in which kin relationships are defined by descent from a common female ancestor
4. ✖ A society in which the mother-daughter link is considered to be the most important relationship

Question Number : 142 Is Question Mandatory : No Option Orientation : Vertical

A living primate with enormous but immovable eyes dominating much of its face and able to rotate its head 180° will be classified to the infraorder:

Options :

1. ✖ Lorisiformes
2. ✖ Lemuriformes
3. ✔ Tarsiiformes
4. ✖ Platyrrhini

Question Number : 143 Is Question Mandatory : No Option Orientation : Vertical

The type of residence in which the couple lives (after marriage) with husband's maternal uncle:

Options :

1. ✖ Neolocal
2. ✔ Avunculocal
3. ✖ Bilocal
4. ✖ Amitalocal

Question Number : 144 Is Question Mandatory : No Option Orientation : Vertical

Which of the following is an example of a trace fossil?

Options :

1. ✖ a fossilized leaf
2. ✖ a fossilized hair
3. ✔ a fossilized footprint
4. ✖ a small fossilized bone from the foot of an animal

Question Number : 145 Is Question Mandatory : No Option Orientation : Vertical

DNA fingerprinting was invented by:

Options :

1. ✖ Charles Darwin
2. ✖ Watson and Crick
3. ✖ G. Mendel
4. ✔ Alec Jeffreys

Question Number : 146 Is Question Mandatory : No Option Orientation : Vertical

Anthropology is the scientific study of:

Options :

1. ✔ Human beings
2. ✖ Amphibians
3. ✖ Cockroaches
4. ✖ Molluscs

Question Number : 147 Is Question Mandatory : No Option Orientation : Vertical

Ethidium bromide is a stain that specifically binds to DNA or RNA and appears _____, if viewed under ultraviolet light.

Options :

1. ✖ Green
2. ✖ Black
3. ✔ Orange
4. ✖ Blue

Question Number : 148 Is Question Mandatory : No Option Orientation : Vertical

Marriage between one male and one female i.e. singular husband and wife is known as:

Options :

- 1. ✖ Polygyny
- 2. ✖ Bigamy
- 3. ✖ Polygamy
- 4. ✔ Monogamy

Question Number : 149 Is Question Mandatory : No Option Orientation : Vertical

Ropar/ Rupnagar mound belongs to which one of the following cultures?

Options :

- 1. ✖ Lower palaeolithic culture
- 2. ✖ Middle Palaeolithic Culture
- 3. ✖ Mesolithic culture
- 4. ✔ Harappan culture

Question Number : 150 Is Question Mandatory : No Option Orientation : Vertical

'Pratiloma marriage' is a type of marriage in which:

Options :

- 1. ✖ A man marries the sister of her deceased wife
- 2. ✖ A man cohabits with one or more women who are distinct from his wife or wives
- 3. ✖ A woman marries the brother of her deceased husband
- 4. ✔ A man belonging to lower caste marries an upper-caste girl