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2022/10/03 7:45:15

Title*

Question Paper Answer Key

OES Exam*

GPSC06202215 / Assistant Professors in Government College in Microbiology/ Completed / 2022-10-01

Question Description	Pyruvate dehydrogenase complex is made up of 3 enzymes and 5 coenzymes/prosthetic groups. The three enzymes are pyruvate dehydrogenase (E1), dihydrolipoyl transacetylase (E2) and dihydrolipoyl dehydrogenase (E3). Five prosthetic groups include thiamine pyrophosphate (TPP),flavin adenine dinucleotide (FAD),Coenzyme A (CoA), nicotinamide adenine dinucleotide (NAD) andLipoate. FAD and NAD are associated with _____.
A	E1
B	E2
C	E3
D	E1 and E3
E	None of the above
Correct Answer	C
Marks	1

Question Description	What antibody is a significant component of the mucous and serous secretions of the salivary glands, intestine, nasal membrane, breast, lung, and genitourinary tract?
A	Monomeric IgA
B	Dimeric IgA
C	IgM
D	IgE
E	None of the above
Correct Answer	B
Marks	1

Question Description	The processes that allow to leach or dissolve metals from a complex matrix through the use of biological agents such as bacteria is known as
A	Biomagnification
B	Hydrometallurgy
C	Bioconcentration
D	Biohydrometallurgy
E	None of the above
Correct Answer	D
Marks	1

Question Description	High concentration of dipicolinic acid is unique to what bacterial structure?
A	DNA of nucleoid
B	peptidoglycan of cell wall.
C	RNA of ribosomes
D	cortex of endospore
E	None of the above
Correct Answer	D
Marks	1

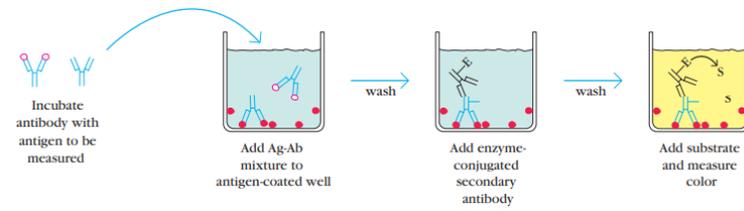
Question Description	Who is credited to show that “Viruses are the cause of cancer”?
A	Dulbecco
B	Khorana
C	Swaminathan
D	Stanley
E	None of the above
Correct Answer	A
Marks	1

Question Description	Which statement is true of viroids?
A	They are single-stranded RNA particles.
B	They reproduce only outside of the cell.
C	They are single stranded DNA particles
D	They affect both plants and animals.
E	None of the above
Correct Answer	A
Marks	1

Question Description	Which of the following statements is INCORRECT about the tobacco mosaic virus (TMV)?
A	TMV was the first virus to be discovered.
B	TMV is single stranded DNA virus.
C	TMV has rod-like helical structure.
D	TMV infects a wide range of plants belonging to the family Solanaceae.
E	None of the above
Correct Answer	B
Marks	1

Question Description

The following image represents



A Elispot assay

B Indirect ELISA

C Sandwich ELISA

D Competitive ELISA

E None of the above

Correct Answer D

Marks 1

Question Description	The ability of the immune system to recognize self antigens versus nonself antigen is an example of:
A	Specific immunity
B	Tolerance
C	Cell mediated immunity
D	Antigenic immunity
E	None of the above
Correct Answer	B
Marks	1

Question Description	Which of the following statements is INCORRECT for fatty acid synthesis in <i>E.coli</i>?
A	The fatty acid synthase consists of seven separate polypeptides.
B	Chain elongation generally stops after seven cycles of condensation and free palmitate is released.
C	Citrate shuttle helps to transport acetyl CoA at the site of fatty acid synthesis.
D	Hexose monophosphate pathway is one of the sources of NADPH required for fatty acid synthesis.
E	None of the above
Correct Answer	C
Marks	1

Question Description	In the first century AD, the Roman physician Celsus described the “four cardinal signs of inflammation” as rubor (redness), tumor (swelling), calor (heat), and dolor (pain). _____ process is responsible for rubor and calor.
A	Extravasation
B	Vasodilation
C	Margination
D	Exudation
E	None of the above
Correct Answer	B
Marks	1

Question Description	Which of the following is not associated with prions?
A	Replicating proteins
B	Mad cow disease
C	DNA
D	Toxic proteins
E	None of the above
Correct Answer	C
Marks	1

Question Description	Which of the following is not an example of Archaea
A	<i>Halobacterium salinarum</i>
B	<i>Salinibacter ruber</i>
C	<i>Haloquadratum walsbyi</i>
D	<i>Saccharolobus solfataricus</i>
E	None of the above
Correct Answer	B
Marks	1

Question Description	In 1975, the production of monoclonal antibodies was invented by
A	James Allison and Tasuku Honjo
B	Peter C. Doherty and Switzerland's Rolf Zinkernagel
C	César Milstein and Georges J. F. Köhler
D	Elie Metchnikoff and Paul Ehrlich
E	None of the above
Correct Answer	C
Marks	1

Question Description	COVISHIELD is
A	COVID-19 vaccine, non-replicating viral vector
B	COVID-19 vaccine, Inactivated SARS-CoV-2
C	COVID-19 vaccine, AttenuatedSARS-CoV-2
D	COVID-19 vaccine, replicating SARS-CoV-2
E	None of the above
Correct Answer	A
Marks	1

Question Description	Allowing microorganisms to grow in the ore pile, and recovering the dissolved copper from the acidic solution from the bottom of the pile is called as _____ leaching
A	Dump
B	biopile
C	acid
D	iron
E	None of the above
Correct Answer	A
Marks	1

Question Description	In -----Phenomena, there is accumulation of toxic chemical at each level of the food chain;however the animals higher up in the chain are more impacted.
A	Bioaccumulation
B	Eutrophication
C	Biomagnification
D	Biosimulation
E	None of the above
Correct Answer	C
Marks	1

Question Description	Rancidity of stored foods is due to the activity of
A	Saccharolytic microbes
B	Proteolytic microbes
C	Lipolytic microbes
D	Toxigenic microbes
E	None of the above
Correct Answer	C
Marks	1

Question Description	In Immunology, the process of generating unique antigen receptors that can collectively recognize many different types of molecule is achieved by “VDJ” recombination. What does “VDJ” stands for
A	Variability, Diversity, Joining
B	Versatility, Distinction, Joint
C	Various, Divergent, Juggling
D	Varied, Differing, Junction
E	None of the above
Correct Answer	A
Marks	1

Question Description	Substrate level phosphorylation is
A	Generation of 34 ATP molecules by oxidizing NADH+ and FADH+
B	Generation of ATP by using energy released from Electron Transport Chain
C	Generation of ATP by transfer of a phosphate group from a substrate to ADP
D	Generation of ATPs via ETC, glycolysis and TCA cycle
E	None of the above
Correct Answer	C
Marks	1

Question Description	In a fermentor, the foam that is created due to continuous mixing of fermentation broth is controlled by
A	Silicon compounds
B	Corn oil
C	Soyabean oil
D	All of the above
E	None of the above
Correct Answer	D
Marks	1

Question Description	Which of the following statements are true for enzyme Lysozyme? (P) It is an antimicrobial enzyme. (Q)It is also present in cytoplasmic granules of the macrophages and the polymorphonuclear neutrophils (PMNs). (R) The enzyme can also break glycosidic bonds in chitin. (S) It is also known as muramidase or N-acetylmuramideglucanhydrolase.
A	PQ
B	PR
C	PQS
D	PQRS
E	None of the above
Correct Answer	D
Marks	1

Question Description	Phagocytosis is an important mechanism of innate immunity. The process of phagocytosis was discovered by
A	Elie Metchnikoff
B	Paul Ehrlich
C	Edward Jenner
D	Karl Landsteiner
E	None of the above
Correct Answer	A
Marks	1

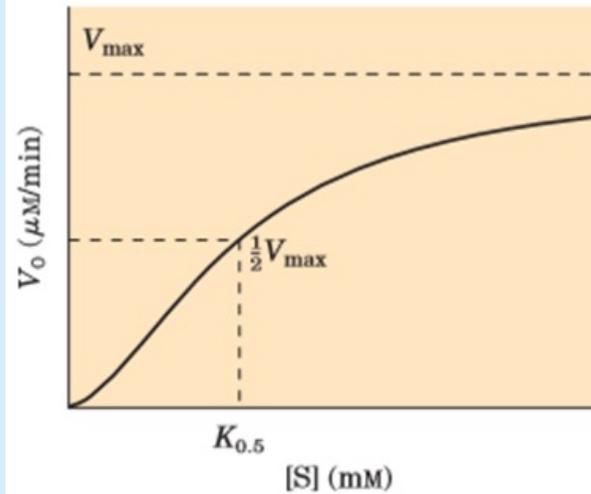
Question Description	Siderophores are beneficial to microbes as
A	they help in crossing the cell wall barrier
B	create antigenic variation
C	adhere to host cells
D	Help in iron acquisition
E	None of the above
Correct Answer	D
Marks	1

Question Description	Agar-agar is a gelling agent with unbranched polysaccharide and is used in microbiology as a solidifying agent of liquid culture media. Agar is mostly obtained from _____.
A	Green algae
B	Red algae
C	Brown algae
D	Yellow algae
E	None of the above
Correct Answer	B
Marks	1

Question Description	For entry into the host cell, the SARS-CoV-2 coronavirus spike (S) protein attaches to ----- receptors found on the surface of many human cellseg. Lung.
A	Angiotensin Converting Enzyme 2
B	Nucleoprotein
C	Polyprotein
D	Human complement receptor
E	None of the above
Correct Answer	A
Marks	1

Question Description	The end products produced by mixed acid fermentation includes
A	Citrate, Acetate, Succinate, Formate, Water
B	Lactate, Acetate, Succinate, Formate, Ethanol
C	Citric acid, Acetate, Succinate, Fumeric acid, Carbon dioxide
D	Citric acid, Acetic acid, Fumeric acid, Carbon dioxide
E	None of the above
Correct Answer	B
Marks	1

Question Description The following enzyme kinetics plot represents



A	Michaelis Menten kinetics.
B	Ordered single displacement reaction.
C	Double displacement reaction.
D	Substrate activity for allosteric enzyme.
E	None of the above
Correct Answer	D
Marks	1

Question Description	The type of ribosomes that are present in Archaea are
A	40S
B	60S
C	70S
D	80S
E	None of the above
Correct Answer	C
Marks	1

Question Description	----- is a transmembrane protein that acts as a light-driven proton pump in <i>Halobacterium salinarum</i> , converting light energy into a proton gradient.
A	Halorhodopsin
B	Halooxidoreductase
C	Bacteriorhodopsin
D	Beta cryptoxanthin
E	None of the above
Correct Answer	C
Marks	1

Question Description	The enzyme sucrase is an example of
A	Absolute specificity
B	Dual specificity
C	Optical specificity
D	Bond specificity
E	None of the above
Correct Answer	B
Marks	1

Question Description	Assume that you are viewing a gram-stained field of red cocci and blue bacilli through a microscope. You can safely conclude that you have ____.
A	Made mistake in staining
B	Young bacterial cells
C	Gram variable reaction
D	Two different species
E	None of the above
Correct Answer	D
Marks	1

Question Description	Vessel containing all parts and conditions necessary for growth of desired microorganism is called
A	Biosensors
B	Impellers
C	Bioreactors
D	Agitators
E	None of the above
Correct Answer	C
Marks	1

Question Description	Fluidized-bed reactors (FBR) are the most popular reactor configurations employed for reactions involving----- reactants
A	Solid
B	Liquid
C	Gas
D	Emulsions
E	None of the above
Correct Answer	A
Marks	1

Question Description	_____ is an intermediate in pyrimidine biosynthesis.
A	Orotate
B	Inosinate
C	Xanthylate
D	All of the above
E	None of the above
Correct Answer	A
Marks	1

Question Description	Sauerkraut is the product resulting from
A	Mixed acid fermentation of shredded <i>Beta vulgaris</i>
B	Lactic acid fermentation of shredded <i>Daucussativus</i>
C	Mixed acid fermentation of shredded <i>Raphanussativus</i>
D	Lactic acid fermentation of shredded <i>Brassica oleracea</i>
E	None of the above
Correct Answer	D
Marks	1

Question Description	Which of the following statement is incorrect for Regulation of Glycolysis pathway?
A	Highlevels of glucose-6- phosphate (G6P) cause the cell to store excess glucose rather than metabolize it in glycolysis.
B	Enzyme Phosphofructokinase (PFK) catalyses the conversion of fructose-6-phosphate (F6P) into fructose-1,6-bisphosphate (F1,6BP) and is the rate-limiting step in glycolysis.
C	High levels of adenosine monophosphate (AMP) and fructose 2, 6 bisphosphate (F2,6BP) inhibit PFK and thus lowers the rate of glycolysis.
D	<i>ATP and acetyl-Coenzyme A inhibit</i> pyruvate kinase.
E	None of the above
Correct Answer	C
Marks	1

Question Description	Which of the following is the major immunoglobulin in human serum, accounting for 80% of the immunoglobulin pool?
A	IgA
B	IgD
C	IgG
D	IgM
E	None of the above
Correct Answer	C
Marks	1

Question Description	Which of the following microorganism, is a unicellular eukaryote having rod-shaped cells and is considered as a model organism in molecular and cell biology?
A	<i>Dunaliellasalina</i>
B	Dinoflagellates
C	<i>Schizosaccharomycespombe</i>
D	<i>Saccharomyces cerevisiae</i>
E	None of the above
Correct Answer	C
Marks	1

Question Description	The UV light covers a wavelength spectrum which are subdivided into various regions. Which of the UV germicidal lamp is used in the Laminar airflow hood
A	UVA (320 to 400 nm)
B	UVB (280 to 320 nm)
C	UVC (200 to 280 nm)
D	UVD (100 to 200 nm)
E	None of the above
Correct Answer	C
Marks	1

Question Description	Cheese is traditionally prepared using calf rennet, a protease. Recently several genetically modified microorganisms which contain calf rennet gene have been developed. One of the industrial strainsexpressing gene encoding calf stomach chymosin is
A	<i>Penicilliumchrysogenum</i>
B	<i>Kluyveromyces lactis</i>
C	<i>Leuconostocmesenteroides</i>
D	<i>Enterobactercloacae</i>
E	None of the above
Correct Answer	B
Marks	1

Question Description	----- carry genes that confer on the host microorganism the ability to breakdown recalcitrant organic compounds not commonly found in nature.
A	DNA plasmids
B	Degradative plasmids
C	Antibiotics plasmids
D	Hybrid plasmids
E	None of the above
Correct Answer	B
Marks	1

Question Description	Löwentein-Jensen medium is used for culturing:
A	Enterobacteriaceae
B	<i>Salmonella</i>
C	<i>Mycobacterium tuberculosis</i>
D	Gram positive bacteria
E	None of the above
Correct Answer	C
Marks	1

Question Description	A student is observing microorganisms in a sample of pond water. One organism of interest has an obvious nucleus, small oval structures containing a green pigment, and does not appear to be motile. In which of the following groups would this microbe most likely be classified?
A	Eukaryotes (Fungi)
B	Eukaryotes (Algae)
C	Bacteria
D	Archaea
E	None of the above
Correct Answer	B
Marks	1

Question Description	The Lonar Lake located at the Buldhana district of Maharashtra, India is an example of
A	Hypersaline Lake
B	Acidophilic Lake
C	Saline-Soda lake
D	Thermophilic Lake
E	None of the above
Correct Answer	C
Marks	1

Question Description	Which of the following is not cell-membrane molecules responsible for antigen recognition by the immune system?
A	Membrane-bound antibodies on T cells
B	Membrane-bound antibodies on B cells
C	T-cell receptors
D	Class I & II MHC molecules
E	None of the above
Correct Answer	A
Marks	1

Question Description	Hexose monophosphate (HMP) pathway is called a shunt because
A	it generates reduced nicotinamide adenine dinucleotide phosphate
B	It generates 5-carbon sugars
C	it occurs in the cytoplasm
D	it involves some reactions of the glycolytic pathway
E	None of the above
Correct Answer	D
Marks	1

Question Description	The 70S prokaryotic ribosomes consist of
A	two 40S subunits
B	50S and a 30S subunit.
C	40S and a 30S subunit
D	50S and a 20S subunit
E	None of the above
Correct Answer	B
Marks	1

Question Description	A new microbe has been discovered in the rumen of sheep. Microscopy shows no evidence of a nuclear membrane and biochemical studies of the cell wall demonstrate the lack of peptidoglycan. Metabolic studies show that this microbe generates methane. This microbe would most likely be classified in _____.
A	domain Bacteria
B	domain Archaea
C	domain Eukarya, Kingdom Fungi
D	domain Eukarya, Protists
E	None of the above
Correct Answer	B
Marks	1

Question Description	Methanogenesis in microbes is a form of
A	Aerobic oxidation
B	Aerobic respiration
C	Anaerobic respiration
D	Anaerobic fermentation
E	None of the above
Correct Answer	C
Marks	1

Comprehension	<p>Read the Passage Below and answer the questions</p> <p>Since the end of the last World War, the Emperor has several times rejected the suggestion that a new palace should be built for him or that his existing quarters should be suitable reconstructed. The Emperor refused to live in a luxurious palace, because millions of his people were rendered homeless during the war, their standard of living had fallen and they were subject to various kinds of hardship. The Emperor and the Empress have, therefore, continued to live in the bomb-shelter. This is hardly the place the Emperor would have chosen to live in, as the floor of the bomb-shelter is wet for most of the time. In the last few years, the economic condition of Japan has improved. The Emperor has, therefore, accepted the advice of his ministers that a palace should be built for him.</p>
Question Description	According to the passage, the Emperor refused to live in a palace because
A	he was the Emperor
B	his country suffered a defeat in the war
C	his people were rendered homeless by war
D	he did not wish to live better when his people were homeless and suffering hardships
E	None of the above
Correct Answer	D
Marks	1

Comprehension	<p>Read the Passage Below and answer the questions</p> <p>Since the end of the last World War, the Emperor has several times rejected the suggestion that a new palace should be built for him or that his existing quarters should be suitable reconstructed. The Emperor refused to live in a luxurious palace, because millions of his people were rendered homeless during the war, their standard of living had fallen and they were subject to various kinds of hardship. The Emperor and the Empress have, therefore, continued to live in the bomb-shelter. This is hardly the place the Emperor would have chosen to live in, as the floor of the bomb-shelter is wet for most of the time. In the last few years, the economic condition of Japan has improved. The Emperor has, therefore, accepted the advice of his ministers that a palace should be built for him.</p>
Question Description	The residence of the Emperor is peethily described in the passage as
A	a luxurious palace
B	hardly the place Emperor would have chosen to live in
C	wet for most of the time
D	a bomb-shelter
E	None of the above
Correct Answer	B
Marks	1

Comprehension	<p>Read the Passage Below and answer the questions</p> <p>Since the end of the last World War, the Emperor has several times rejected the suggestion that a new palace should be built for him or that his existing quarters should be suitable reconstructed. The Emperor refused to live in a luxurious palace, because millions of his people were rendered homeless during the war, their standard of living had fallen and they were subject to various kinds of hardship. The Emperor and the Empress have, therefore, continued to live in the bomb-shelter. This is hardly the place the Emperor would have chosen to live in, as the floor of the bomb-shelter is wet for most of the time. In the last few years, the economic condition of Japan has improved. The Emperor has, therefore, accepted the advice of his ministers that a palace should be built for him.</p>
Question Description	Find a word or phrase from the passage which means “dismiss as unacceptable, inadequate or faulty”
A	refused
B	rejected
C	accepted the advice
D	chosen to live
E	None of the above
Correct Answer	B
Marks	1

Comprehension	<p>Read the Passage Below and answer the questions</p> <p>Since the end of the last World War, the Emperor has several times rejected the suggestion that a new palace should be built for him or that his existing quarters should be suitable reconstructed. The Emperor refused to live in a luxurious palace, because millions of his people were rendered homeless during the war, their standard of living had fallen and they were subject to various kinds of hardship. The Emperor and the Empress have, therefore, continued to live in the bomb-shelter. This is hardly the place the Emperor would have chosen to live in, as the floor of the bomb-shelter is wet for most of the time. In the last few years, the economic condition of Japan has improved. The Emperor has, therefore, accepted the advice of his ministers that a palace should be built for him.</p>
Question Description	Select the option that is closest in meaning to the statement : “The Emperor refused to live in a luxurious palace”
A	The Emperor denied living in a luxurious palace”
B	The Emperor rejected staying in a luxurious palace”
C	The Emperor deprived himself from living in a luxurious palace”
D	The Emperor indicated that he was not willing to live in a luxurious palace”
E	None of the above
Correct Answer	D
Marks	1

Comprehension	<p>Read the Passage Below and answer the questions</p> <p>Since the end of the last World War, the Emperor has several times rejected the suggestion that a new palace should be built for him or that his existing quarters should be suitable reconstructed. The Emperor refused to live in a luxurious palace, because millions of his people were rendered homeless during the war, their standard of living had fallen and they were subject to various kinds of hardship. The Emperor and the Empress have, therefore, continued to live in the bomb-shelter. This is hardly the place the Emperor would have chosen to live in, as the floor of the bomb-shelter is wet for most of the time. In the last few years, the economic condition of Japan has improved. The Emperor has, therefore, accepted the advice of his ministers that a palace should be built for him.</p>
Question Description	The bomb-shelter can be aptly described as the
A	palace of the Emperor at present
B	current residence of the Emperor
C	present royal palace
D	current location of the Emperor
E	None of the above
Correct Answer	B
Marks	1

Question Description	World's largest museum of Harappan culture is going to be set up in which Indian state?
A	Gujarat
B	Rajasthan
C	Uttar Pradesh
D	Haryana
E	None of the above
Correct Answer	D
Marks	1

Question Description	INS Vikrant, India's first home-built aircraft carrier, has formally commissioned at which place?
A	Naval Dockyard, Vishakapatnam
B	Goa Shipyard Limited
C	Bombay Dockyard
D	Cochin Shipyard Limited
E	None of the above
Correct Answer	D
Marks	1

Question Description	World Ozone Day is being celebrated on which date?
A	September 13
B	September 17
C	September 16
D	September 11
E	None of the above
Correct Answer	C
Marks	1

Question Description	India's first Forest University to be established in which of the following states?
A	Gujarat
B	Rajasthan
C	Telangana
D	Uttar Pradesh
E	None of the above
Correct Answer	C
Marks	1

Question Description	Who was named the Mumbai Indians' first head coach for the IPL 2023 season?
A	Mark Boucher
B	Virender Sehwag
C	Ajit Agarkar
D	Sunil Gavaskar
E	None of the above
Correct Answer	A
Marks	1

Question Description	World Bamboo Day is being observed on which date?
A	September 18
B	September 17
C	September 19
D	September 20
E	None of the above
Correct Answer	A
Marks	1

Question Description	Who are the Star Indian Wrestlers chosen for the World Senior Championships in 2022?
A	Yogeshwar Dutt and VineshPhogat
B	Deepak Punia and Ravi Kumar Dahiya
C	Bajrang Punia and VineshPhogat
D	Ravi Kumar Dahiya and Sakshi Malik
E	None of the above
Correct Answer	C
Marks	1

Question Description	India's first Lithium Cell Manufacturing plant is launched in which state?
A	Arunachal Pradesh
B	Madhya Pradesh
C	Jharkhand
D	Andhra Pradesh
E	None of the above
Correct Answer	D
Marks	1

Question Description	India's first and one of the world's largest carbon fibre plants, Reliance Industries is being set up in which state?
A	Rajasthan
B	Gujarat
C	Maharashtra
D	Uttar Pradesh
E	None of the above
Correct Answer	B
Marks	1

Question Description	Which city has become the new capital of Kazakhstan?
A	Hungary
B	Kiev
C	Nur Sultan
D	Astana
E	None of the above
Correct Answer	D
Marks	1

Question Description	The angle of elevation of a ladder leaning against a wall is 60° and the foot of the ladder is 4.6 m away from the wall. The length of the ladder is:
A	2.3 m
B	4.6 m
C	7.8 m
D	9.2 m
E	None of the above
Correct Answer	D
Marks	1

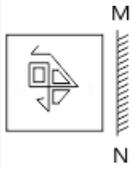
Question Description	<p>Read the given information carefully and answer the questions given beside:</p> <p>A Car moves 8m from Point A in the north direction to reach Point B. Then it turns and moves for 10m in north-west direction. Then it turns and moves 8m in south direction. Then it turns right and moves for 3m to reach point C, which is in west direction with respect to Point B. Then finally, it turns and moves for 10m in south-west direction to reach Point D, which is west direction with respect to Point A.</p> <p>What is the shortest distance between Point A and Point D?</p>
A	12m
B	15m
C	17m
D	20m
E	None of the above
Correct Answer	B
Marks	1

Question Description	A tank is filled in 5 hours by three pipes A, B and C. The pipe C is twice as fast as B and B is twice as fast as A. How much time will pipe A alone take to fill the tank?
A	20 hours
B	25 hours
C	35 hours
D	Cannot be determined
E	None of the above
Correct Answer	C
Marks	1

Question Description	A man buys a watch for Rs. 1950 in cash and sells it for Rs. 2200 at a credit of 1 year. If the rate of interest is 10% per annum, the man:
A	gains Rs. 55
B	gains Rs. 50
C	loses Rs. 30
D	gains Rs. 30
E	None of the above
Correct Answer	B
Marks	1

Question Description

Find correct mirror image



A



B



C



D



E

None of the above

Correct Answer

C

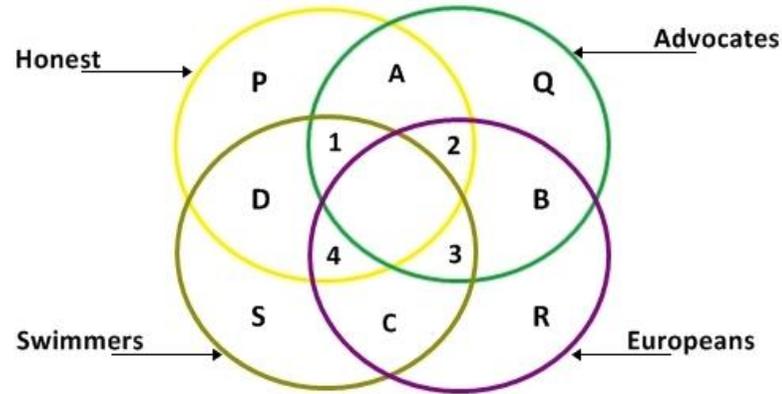
Marks

1

Question Description	<p>Study the following information carefully and answer the questions given beside.</p> <p>Micky is brother in law of Akku, who has two daughters but no son. Rinku is cousin of Quki and brother of Riku. Vicky has two daughters and one son. Unni has only one son and one daughter. Micky is the only sibling of Wiku. Tinu and Sanu are daughters of Xoxo. Donu is also the member of this family. Riku is granddaughter of Akku, who is married to Wiku. Unni and Vicky are sons in law of Wiku.</p> <p>How is Wiku related to Donu?</p>
A	Father
B	Mother
C	Grandfather
D	Can't be determined
E	None of the above
Correct Answer	D
Marks	1

Question Description

5. What does the area marked 1 in the figure given below represent?



- A All honest European swimmers
- B All honest advocates who are swimmers
- C All no-European advocates who are honest swimmers
- D All non-Europeans who are honest swimmers
- E None of the above

Correct Answer C

Marks 1

Question Description	At 3:40, the hour hand and the minute hand of a clock form an angle of:
A	120°
B	125°
C	130°
D	135°
E	None of the above
Correct Answer	C
Marks	1

Question Description	On 8th Dec, 2007 Saturday falls. What day of the week was it on 8th Dec, 2006?
A	Sunday
B	Thursday
C	Tuesday
D	Friday
E	None of the above
Correct Answer	D
Marks	1

Question Description	Statements: Prime age school-going children in urban India have now become avid as well as more regular viewers of television, even in households without a TV. As a result there has been an alarming decline in the extent of readership of newspapers. Conclusions: I. Method of increasing the readership of newspapers should be devised. II. A team of experts should be sent to other countries to study the impact of TV. on the readership of newspapers.
A	Only conclusion I follows
B	Only conclusion II follows
C	Either I or II follows
D	Neither I nor II follows
E	None of the above
Correct Answer	D
Marks	1