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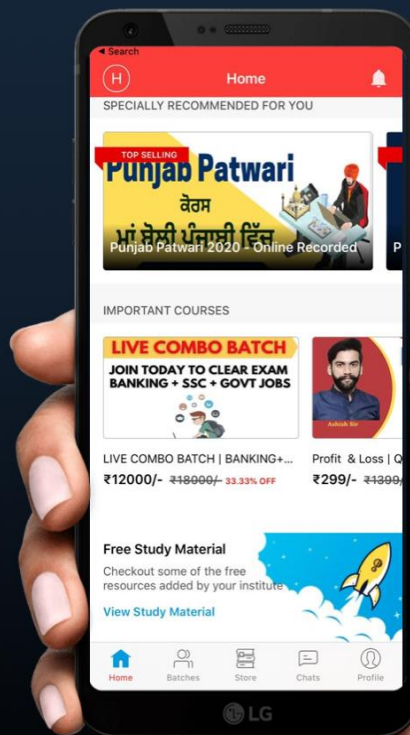
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- 1) Which one of the following is not a laboratory method of estrus detection in cattle?
 - a) Progesterone estimation
 - b) Fern pattern test
 - c) Vaginal pH
 - d) Pedometer

- 2) Predominant immunoglobulin in follicular fluid is:
 - a) Ig M
 - b) Ig G
 - c) IgA
 - d) Ig E

- 3) Ovulation rate can be increased by vaccinating ewes against:
 - a) Inhibin & Androstenedione
 - b) GnRH
 - c) Both a & b
 - d) None of the above

- 4) The concentration of motile and morphologically normal spermatozoa per mL in the semen sample is known as:
 - a) Motile sperm concentration
 - b) Sperm motility index
 - c) Functional sperm concentration
 - d) Total cell concentration

- 5) AI gun should be entered into the vagina at an angle of:
 - a) 45°
 - b) 30°
 - c) 60°
 - d) 20°

- 6) In fistula method of semen collection, fistula is made in:
 - a) Testis
 - b) Seminiferous tubules
 - c) Epididymis body
 - d) Vas deferens

- 7) Viability of bovine spermatozoa in the female genital tract is for:
 - a) 10-12 h
 - b) 60-72 h
 - c) 30-56 h
 - d) 12-24 h

- 8) Which of the following is the heavy metal discharged from leather industry and is associated with tanning process:
 - a) Lead
 - b) Arsenic
 - c) Mercury
 - d) Chromium

- 9) Incubation period of paratuberculosis is:
 - a) 1-3 months
 - b) 5-8 months
 - c) More than 18 months
 - d) Few days

- 10) Which of the disease in cattle manifests oral lesions with diarrhea?
 - a) FMD
 - b) Vesicular stomatitis
 - c) Bluetongue
 - d) Bovine malignant catarrh

- 11) Coggin's test is used to diagnose:
- a) Equine infectious anemia
 - b) Echinococcosis
 - c) Tuberculosis
 - d) Trypanosomosis
- 12) Vaccination against brucellosis in sheep and goat is done using:
- a) Strain 19 live attenuated
 - b) Rev 1 live attenuated
 - c) Strain 45/20 killed
 - d) Strain 19 killed

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- 13) Nibbling reflex is seen in sheep suffering from:
- a) Scrapie
 - b) PPR
 - c) FMD
 - d) Pox
- 14) Osteomalacia is caused by:
- a) Poor mineralisation of bones
 - b) Demineralization of bones
 - c) Defective mineralization of bones
 - d) None of the above
- 15) Calcium content in calcium boro-gluconate used to treat milk fever is:
- a) 8.0 %
 - b) 8.3 %
 - c) 8.6 %
 - d) None of the above
- 16) The reporter system used in Complement Fixation Test is:
- a) Antigen-Antibody complex
 - b) Enzyme-substrate complex
 - c) Sheep RBCs-anti Sheep RBCs complex
 - d) Avidin-Biotin complex
- 17) Which enzyme is used in Polymerase Chain Reaction (PCR)?
- a) Reverse Transcriptase
 - b) RNA Polymerase
 - c) Taq Polymerase
 - d) Integrase

- 18) Urea supplementation is not recommended if minimum crude protein content of ruminant diet is above:
- a) 18%
 - b) 25%
 - c) 7%
 - d) 13%
- 19) The enlargement of superficial lymph node is seen in:
- a) Trypanosomainfection
 - b) Babesiainfection
 - c) Theileria infection
 - d) All of the above
- 20) Boiled rice grain type of segments are seen in the infection of:
- a) Taenia
 - b) Hymenolepis
 - c) Moniezia
 - d) None of the above
- 21) Telescoping of the anterior portion of intestine into posterior part is called as:
- a) Torsion
 - b) Volvulus
 - c) Intussusception
 - d) Enteritis
- 22) Opioid used for capturing wild animals is:
- a) Buprenorphine
 - b) Fentanyl
 - c) Etorphine
 - d) Butorphanol

- 23) Bitter almond like smell is observed from the breath of the animal due to the poisoning of:
- a) Nitrite
 - b) Cyanide
 - c) Carbon monoxide
 - d) None of the above
- 24) The testosterone released from tunica internal is converted to estradiol, a female sex hormone under the influence of:
- a) FSH
 - b) LH
 - c) Prolactin
 - d) Oxytocin
- 25) Daily production of saliva in cows is around:
- a) 100-200 litres
 - b) 25-30 litres
 - c) 5-10 litres
 - d) 40-50 litres
- 26) Which is the main source of energy in bull semen?
- a) Fructose
 - b) Lactose
 - c) Glucose
 - d) Sorbitol
- 27) In ruminants, the placenta is of ... Type:
- a) Epitheliochorial
 - b) Endotheliochorial
 - c) Hemochorial
 - d) Allantochoorial

- 28) Which method is the best to control haemorrhage:
- a) Thumb pressure
 - b) Tourniquet application
 - c) Ligation
 - d) All above
- 29) The maggots of primary myiasis feed on:
- a) Living tissue
 - b) Dead tissue
 - c) Partially dead tissue
 - d) All of the above
- 30) The enzyme used for debridement of a wound:
- a) Bacterial collagenase
 - b) Bacterial Protease
 - c) Bacterial lipases
 - d) Reverse transcriptase



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- 31) The type of wound healing in which granulation tissue forms, filling the defect, is known as:
- a) First intention
 - b) Second intention
 - c) Third intention
 - d) Fourth intention
- 32) Chromic catgut is made up of:
- a) Cat gut
 - b) Sheep gut
 - c) Kangaroo gut
 - d) Dog gut
- 33) Neoplasia of the spleen of dog is best treated by:
- a) No treatment
 - b) Chemotherapy
 - c) Irradiation
 - d) Splenectomy
- 34) Which suture pattern is considered in rumen suturing?
- a) Cushing
 - b) Vertical mattress
 - c) Simple continuous
 - d) Cross mattress
- 35) Which of the following is not feature of hypovolemic shock?
- a) Mental dullness
 - b) Bradycardia
 - c) Tachycardia
 - d) Peripheral vasoconstriction

- 36) The preferred basis of selection when there is substantial amount of common environmental variance:
- a) Individual
 - b) Family
 - c) Sibs
 - d) Within family
- 37) Which breed have characteristic Swaichal (gait):
- a) Kankrej cattle
 - b) Nili-Ravi buffalo
 - c) Bikaneri camel
 - d) Spiti horse
- 38) Breed of camel adapted to coastal ecosystem is:
- a) Kutchhi
 - b) Kharai
 - c) Malwi
 - d) None of above
- 39) Breed of chicken having black flesh:
- a) Aseel
 - b) Nicobari
 - c) Harringhata black
 - d) Kadaknath
- 40) Booroola gene is related to:
- a) Ovulation rate
 - b) Growth rate
 - c) Milk production
 - d) None of above

- 41) How many generations are required for converting non-descript animals to 99%purebreds:
- a) 2
 - b) 4
 - c) 6
 - d) 8
- 42) Pienniu is a cross of:
- a) Mithun and cow
 - b) Cow and yak
 - c) Camel and Llama
 - d) Wolf and dog
- 43) Maternal heterosis is:
- a) Superiority of purebred dam
 - b) Superiority of F_1 females
 - c) Superiority of progeny of crossbred female
 - d) None of above
- 44) Amount of heterosis in F_2 generation was 20 kg for six months weight in crossbred pigs. What would be the amount of heterosis in F_3 generation:
- a) 10 kg
 - b) 5 kg
 - c) 20 kg
 - d) 40 kg
- 45) Two-way rotational crossing (crisscrossing) would stabilize at:
- a) 50% inheritance from each breed
 - b) 25% inheritance from each breed
 - c) 75% inheritance from last sire breed and 25% from other breed
 - d) 65% inheritance from last sire breed and 35% from other breed

- 46) Loci and alleles combining additively would show:
- a) Good amount of heterosis but no inbreeding depression
 - b) No heterosis but great amount of inbreeding depression
 - c) Neither heterosis nor inbreeding depression
 - d) Good amount of heterosis and inbreeding depression
- 47) Nipper-The HMV logo dog belongs to:
- a) Mixed Terrier breed
 - b) Spitz breed
 - c) Bichon breed
 - d) None of above
- 48) The smallest cat breed in the world is:
- a) Abyssinian
 - b) Bobtail
 - c) Singapura
 - d) Siamese

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- 49) Hardhenu-synthetic breed of dairy cattle is composed of:
- a) 62.5% Holstein + 27.5% Sahiwal + 10% Haryana
 - b) 50% Holstein + 50% Haryana
 - c) 62.5% Holstein + 27.5% Tharparkar + 10% Haryana
 - d) 75% Holstein + 25% Haryana
- 50) Sheep population is highest in:
- a) Rajasthan
 - b) Uttar Pradesh
 - c) Andhra Pradesh
 - d) Madhya Pradesh
- 51) Cows consuming more grasses and legumes fodders than grains will produce milk having:
- a) More omega-3 fatty acids and less omega-6 fatty acids
 - b) Less omega-3 fatty acids and more omega-6 fatty acids
 - c) omega-3 fatty acids and omega-6 fatty acids in equal amounts
 - d) None of above
- 52) Adulterant in milk responsible for kidney failure and even death in infants is:
- a) Urea
 - b) Formalin
 - c) Ammonium sulfate
 - d) Melamine
- 53) FSSAI is autonomous body under the ministry of:
- a) Agriculture and farmer's welfare
 - b) Health and family welfare
 - c) Drinking water and sanitation
 - d) Consumer affairs, food and public distribution

- 54) How much green oats having 75% moisture content is required daily for a buffalo weighing 500 kg to be fed @ 3% (of body weight) DM intake.
- a) 50 kg
 - b) 25 kg
 - c) 60 kg
 - d) 40 kg
- 55) How much berseem hay having 30% NDF would be consumed by a cow weighing 400kg:
- a) 10 kg
 - b) 12 kg
 - c) 14 kg
 - d) 16 kg
- 56) Cow dung contains Nitrogen, Phosphorous and potassium in ratio of:
- a) 5:3:2
 - b) 1:2:3
 - c) 2:3:5
 - d) 3:2:1
- 57) Level of urea feeding as a source of NPN to an adult cow should not be more than:
- a) 175g per day
 - b) 100g per day
 - c) 125g per day
 - d) 200g per day
- 58) According to B.I.S. standard good quality butter should not contain moisture more than
- a) 16.0%
 - b) 10.0%
 - c) 12.0%
 - d) 8.0%

- 59) Casings prepared from the pig stomach are known as
a) Middles
b) Bung
c) Cap
d) Maws
- 60) What usually limits the microbial protein production in dairy cows fed alfalfa based diets
a) the amount of degradable protein
b) the amount of ammonia in the rumen
c) the amount of fermentable energy
d) the amount of dietary NDF
- 61) The most deficient amino acid in cereals is
a) Arginine
b) Lysine
c) Tyrosine
d) Glycine



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- 62) Production type roughages contain DCP of
- a) <3%
 - b) 3-5%
 - c) >5%
 - d) None of the above
- 63) Most popular body building protein supplements are made from:
- a) Chicken meat
 - b) Egg
 - c) Soyabean
 - d) whey
- 64) Range of fibre diameter of fine wool from sheep is:
- a) 5-8 micron
 - b) 18-20 micron
 - c) 28-30 micron
 - d) 30-35 micron
- 65) The breed of pigs, black in colour with a white belt which encircles the shoulders including both front legs and feet is
- a) Chester white
 - b) Berkshire
 - c) Hampshire
 - d) Duroc
- 66) The record of the ancestors of a particular animal is recorded in its
- a) Performance record
 - b) Phenotype
 - c) Pedigree
 - d) Genetic map

- 67) Succulent, fermented preserved green fodder is called
a) Hay
b) Forage
c) Silage
d) None of them
- 68) Ideal dry period in crossbred cattle is
a) 30 days
b) 45 days
c) 60 days
d) 75 days
- 69) How much floor space required per adult cow in milking byre?
a) 50-55 sq. feet
b) 80-85 sq. feet
c) 65-70 sq. feet
d) 40-45 sq. feet
- 70) The Index organism taken for pasteurization of milk is
a) Coxiellaburnetii
b) Mycobacterium paratuberculosis
c) E. coli
d) None
- 71) Smallest part of a ruminant's stomach is
a) Rumen
b) Reticulum
c) Omasum
d) Abomasum

- 72) Tuberculin skin testing is based on
- a) Type I hypersensitivity reaction
 - b) Type II hypersensitivity reaction
 - c) Type III hypersensitivity reaction
 - d) Type IV hypersensitivity reaction
- 73) Antibody isotype that provides defense against helminthes is
- a) IgE
 - b) IgM
 - c) IgA
 - d) IgG
- 74) Disease inducing ability of an organism is called as
- a) Virulence
 - b) Pathogenicity
 - c) Infectivity
 - d) None

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- 75) Following is an oral antifungal agent
- a) Desenex
 - b) Undecylenic acid
 - c) Griseofulvin
 - d) Sopronol
- 76) Transplacental transmission is exhibited by
- a) Trypanosoma evansi
 - b) Ancylostomacanthum
 - c) Fasciolagigantica
 - d) Taeniasolium
- 77) Guillain-Barré syndrome results as a complication due to infection with
- a) C. jejuni
 - b) B. mallei
 - c) L. monocytogenes
 - d) E. rhusiopathiae
- 78) Name of the mobile app launched by NDDB which helps to calculate to different feeds that need added in appropriate proportions for balanced diet
- a) Chara-Vigyan
 - b) Santulan
 - c) PashuPoshan
 - d) PashuPalanPoshan
- 79) The first mechanism to prevent polyspermy is
- a) Vitelline block
 - b) Zona reaction
 - c) Vitelline membrane
 - d) None of the above

- 80) Engagement of forehead of fetus against maternal pelvis during handling of dystocia is known as
- a) Vertex
 - b) Nape
 - c) Breech presentation
 - d) Dog sitting posture
- 81) Non- pathological ovarian cyst is
- a) Cystic corpus luteum
 - b) Follicular cyst
 - c) Luteal cyst
 - d) None of the above
- 82) Site of posterior epidural anaesthesia in mares is
- a) Lumb-sacral
 - b) First intercoccygeal
 - c) Sacro-coccygeal
 - d) None of the choices
- 83) Irreversible degeneration of seminiferous tubules in bulls is caused by
- a) Deficiency of Vitamin A
 - b) Deficiency of Vitamin C
 - c) Deficiency of Zinc mineral
 - d) Excess of Vitamin A
- 84) Best combination of drugs for induction of parturition in bovines is
- a) Estrogen and Dexamethasone
 - b) Prostaglandins and Dexamethasone
 - c) Estrogen and Prostaglandins
 - d) All of the above

- 85) Which of the following is most effective drug for disseminated histoplasmosis in dogs and cats
- a) Griseofulvin
 - b) Itraconazole
 - c) Rafoxanide
 - d) Tylosin
- 86) Triclabendazole is effective against
- a) Mature flukes
 - b) Immature flukes
 - c) Both a & b
 - d) Not effective
- 87) Stilbamidine test is used to diagnose
- a) Theileriosis
 - b) Anaplasmosis
 - c) Trypanosomiasis
 - d) Whip worm infection
- 88) What main problem is caused when a calf has scours and not enough fluids are observed?
- a) Dehydration
 - b) Chelation
 - c) Rumination
 - d) High fever
- 89) Barberio's test is usually done to detect
- a) Blood stain
 - b) Faecal stain
 - c) Sperm stain
 - d) Bile stain

- 90) Prolonged recumbency results in ischemic muscle necrosis and marked increases in the
- a) Serum creatine phosphokinase
 - b) Serum hyaluronidase
 - c) Serum lipase
 - d) Serum catalase
- 91) The effect of cobalt in the rumen is to participate in the production
- a) Vitamin B12
 - b) Vitamin B1
 - c) Vitamin B6
 - d) Vitamin C


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Hello mam
I just wanted to say thanku for the complete course. I just completed 2 subjects and rest are still going on. I loved the explanation of every topic. It was very detailed and I understood it easily. I recommended you to my cousin too. Waiting for the exam now 😊😊
Amanpreet (patwari batch)

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Hello sir
I'm patwari student.. Gurwinder I joined Gyanm in 2019, but couldn't complete coaching due to family issues. Now I started preparing for Patwari. The course is too good. The whole process is great.. class, assignment, test.. tyari vdia trike nal ho jandi aa.. te mza aunda pdh ke.. Main apne dostu nu v recommend kitta Gyanm.. Thank you Gyanm, thank you teachers.. I will surely succeed..
wmk 🙏🙏
10:51 PM

Hey, I am Mehak from Kaithal Haryana. I am a Former Student of Gyanm College Chandigarh. My Experience with Gyanm was very wonderful. Gyanm is one of the best Institute for Bank Coaching as well as other coachings. I have learnt a lot of new strategies which are helping me till Now. They Provide us a lot of stuff like Online videos, Books, PDFs n more. Faculty Members are also very Nice, Supportive and available for us 24x7. They all teaches us with 100% Dedication. And, Also the atmosphere is very good.
Regards
Mehak

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Good evening Sir/Mam,
I'm Aman from Banking batch. I want to thank all the teachers for the efforts that they put in. My experience with Gyanm has been superb. All the topics have been done in depth, which has really improved my confidence. Again, thank you so much 🙏🙏
4:09 PM

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thank you gyanm faculty and the entire team of Gyanm for providing such a wonderful content . patwari course shows the hardwork and determination of the staff.
really great 🥳👍👍👍
12:42 PM

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Hy
I join gyanm with demo but my journey with it was fantastic. The faculty is very cooperative and supportive. They Treat us like friends nd encourage us nd provide their assistance at every step. Their tricks r also fantastic. I hope i will achieve my goal very soon with gyanm nd my teachers' help.
Thank you Gyanm
From :- Shaifali
12:16

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Thank you so much 🙏🙏

- 92) Dose of ketamine recommended for anesthesia in dogs is
- a) 8 to 15 mg/kg B.W
 - b) 0.5mg/kg B.W.
 - c) 0.05 to 0.11 mg/kg B.W.
 - d) 1 mg/kg B.W.
- 93) Which of the following is the most common feature of diaphragmatic hernia in buffalo
- a) Impaction of rumen
 - b) Chronic recurrent Tympany
 - c) Leukocytosis and shift to left
 - d) Brisket oedema
- 94) Preferred incision for castration in dog is
- a) Midline postscrotal
 - b) Midline prescrotal
 - c) Scrotal ablation
 - d) Ischial incision
- 95) Preferred surgical approach for ovariohysterectomy in dog is
- a) Cranial ventral midline approach
 - b) Caudal ventral midline approach
 - c) Caudal paramedian
 - d) Paracostal approach
- 96) Suture size used for closure of skin in cow is
- a) No.2
 - b) No.3-0
 - c) No.1-0
 - d) No.2-0

- 97) Preferred method of treatment for avulsion fracture is
- a) Interfragmentary wiring
 - b) Hemicirclage wiring
 - c) Tension band wiring
 - d) Circlage wiring
- 98) Radiological sign of Non-union of fracture is
- a) External bridging callous
 - b) Fracture line not visible, medullary cavity reestablished
 - c) Fracture line not visible and obliterated with callous
 - d) Rounding of fracture ends with large radiolucent line
- 99) Rotation of third phalanx is a radiological sign of
- a) Quittor
 - b) Side bone
 - c) Chronic laminitis
 - d) Navicular disease

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**GURVINDER SINGH
CANAL PATWARI**



**JASPREET SINGH
CANAL PATWARI**

100) Which is not an elective surgery?

- a) Oesophagotomy in dog
- b) Ovariohysterectomy in dog
- c) Docking in 10 day old dog
- d) Mastectomy in bitch

101) Who among the following is Chairman of NGT (National Green Tribunal)?

- a) Justice AdarshGoel
- b) Justice Swatantar Kumar
- c) Justice Lokeshwar Singh Panta
- d) Justice B Chelameswar

102) Who among the following wrote the Indian National Anthem?

- a) Bankim Chandra Chatterji
- b) RabindraNath Tagore
- c) Chandra Shekhar Azad
- d) G K Gokhale

103) Ayushman Bharat, a centrally sponsored scheme relates to which of the following sectors?

- a) Education
- b) Tourism
- c) Health
- d) Space exploration

104) Match the following:

Sportsperson

- A. Mithali Raj
- B. BajrangPunia
- C. DipikaPallikal
- D. SainaNehwal

Field

- 1 Squash
- 2 Cricket
- 3 Badminton
- 4 Wrestling

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| | A | B | C | D |
|----|---|---|---|---|
| a) | 4 | 2 | 1 | 3 |
| b) | 2 | 1 | 3 | 4 |
| c) | 2 | 1 | 4 | 3 |
| d) | 2 | 4 | 1 | 3 |

- 105) 'Chakk Nanaki' founded by Guru Tegh Bahadur Ji later become famous as
- a) Anandpur Sahib
 - b) Goindwal Sahib
 - c) Khadur Sahib
 - d) None of the above
- 106) What is the common among Ram Prasad Bismil, Roshan Singh and Rajendra Lahiri?
- a) They threw a bomb in the Central Legislative Assembly on 8th April, 1929
 - b) They were the founder member of Swaraj Party
 - c) They were the founder of Hindustan Republic Association
 - d) They were associated with Kakori Conspiracy Case
- 107) The President can nominate two members of the Lok Sabha to give representation to
- a) The Anglo-Indians
 - b) Indian Christians
 - c) Buddhists
 - d) Parsis
- 108) The Vice-President of India is
- a) Directly elected by the people
 - b) Elected by the same electoral college which elects the President
 - c) Elected by the members of Lok Sabha and Rajya Sabha at a joint sitting
 - d) Elected by members of Rajya Sabha alone

- 109) Which of the following is not true of the Regional Rural Banks (RRBs)?
- a) They provide direct loans to small and marginal farmers
 - b) They are co-sponsored by Reserve Bank of India
 - c) They also perform other banking operations
 - d) State Government are share-holders in RRBs
- 110) The yellow solid used in common bactericidal dressings is
- a) Lead chromate
 - b) Iodoform
 - c) Iodine
 - d) Lead iodide
- 111) A is the father of X. B is the mother of Y. The sister of X and Z is Y. Which of the following statements is definitely not true?
- a) B is the wife of A
 - b) B has one daughter
 - c) Y is the son of A
 - d) X is the sister of Z

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- 112) A, B, C, D, E, F and G are members of a family consisting of 4 adults and 3 children, two of whom, F and G are girls, A and D are brothers and A is a doctor. E is an engineer married to one of the brothers and has two children. B is married to D and G is their child. Who is C?
- a) G's father
 - b) F's father
 - c) E's daughter
 - d) A's son
- 113) A postman started from the post office and walked 7 km North to reach Mr. Singh's house. He took a left turn and walked 4 km to Mr. Kumar's house. He took a right turn from Mr. Kumar's house and walked 3km to reach Mr. Sharma's house. What is the length of the shortest distance between Mr Sharma's house and Mr. Singh's house?
- a) 7 km
 - b) 4 km
 - c) 5 km
 - d) 6 km
- 114) Ravi walk 8m North East and the 6m South East. What is the straight line distance between the starting point and end point?
- a) 10m
 - b) 12m
 - c) 14m
 - d) 2m

Direction: (Q. No. 115 to 119): Read the following information carefully and answer the questions that follow:

- (i) Five friends P, Q, R, S and T travelled to five different cities of Chennai, Kolkata, Delhi, Bangalore and Hyderabad by different modes of transport of Bus, Train, Aeroplane, Car and Boat from Mumbai.

- (ii) The person who travelled to Delhi did not travel by boat.
- (iii) R went to Bangalore by car and Q went to Kolkata by aeroplane.
- (iv) S travelled by boat whereas T travelled by train.
- (v) Mumbai is not connected by bus to Delhi and Chennai.

115) Which of the following combinations of person and mode is not correct?

- a) P – Bus
- b) Q – Aeroplane
- c) S – Boat
- d) T – Aeroplane

116) Which of the following combinations is true for S?

- a) Delhi – Bus
- b) Chennai – Bus
- c) Chennai – Boat
- d) Data inadequate

117) Which of the following combinations of place and mode is not correct?

- a) Delhi – Bus
- b) Kolkata – Aeroplane
- c) Bangalore – car
- d) Chennai – Boat

118) The person travelling to Delhi went by which of the following modes?

- a) Bus
- b) Train
- c) Aeroplane
- d) Car



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119) Who among the following travelled to Delhi?

- a) R
- b) S
- c) T
- d) Data inadequate

120) In a class of 35 students, Kunal is placed seventh from the bottom whereas Sonali is placed ninth from the top. Pulkit is placed exactly in between the two. What is Kunal's position from Pulkit?

- a) 9
- b) 10
- c) 11
- d) 13



ANSWER KEY

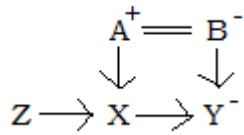
| Q. | A. | Q. | A. | Q. | A. | Q. | A. | Q. | A. |
|-----|----|-----|----|-----|----|-----|----|-----|----|
| 1 | D | 2 | B | 3 | A | 4 | C | 5 | B |
| 6 | D | 7 | C | 8 | D | 9 | C | 10 | D |
| 11 | A | 12 | B | 13 | A | 14 | B | 15 | B |
| 16 | C | 17 | C | 18 | D | 19 | C | 20 | C |
| 21 | C | 22 | C | 23 | B | 24 | A | 25 | A |
| 26 | A | 27 | A | 28 | C | 29 | A | 30 | B |
| 31 | B | 32 | B | 33 | D | 34 | A | 35 | B |
| 36 | D | 37 | A | 38 | B | 39 | D | 40 | A |
| 41 | C | 42 | B | 43 | C | 44 | C | 45 | D |
| 46 | C | 47 | A | 48 | C | 49 | A | 50 | C |
| 51 | A | 52 | D | 53 | B | 54 | C | 55 | D |
| 56 | D | 57 | C | 58 | A | 59 | D | 60 | C |
| 61 | B | 62 | C | 63 | D | 64 | B | 65 | C |
| 66 | C | 67 | C | 68 | C | 69 | B | 70 | A |
| 71 | B | 72 | D | 73 | A | 74 | A | 75 | C |
| 76 | B | 77 | A | 78 | C | 79 | B | 80 | B |
| 81 | A | 82 | B | 83 | A | 84 | B | 85 | B |
| 86 | C | 87 | C | 88 | A | 89 | C | 90 | A |
| 91 | A | 92 | A | 93 | B | 94 | B | 95 | B |
| 96 | A | 97 | C | 98 | D | 99 | C | 100 | A |
| 101 | A | 102 | B | 103 | C | 104 | D | 105 | A |
| 106 | D | 107 | A | 108 | C | 109 | B | 110 | B |
| 111 | C | 112 | D | 113 | C | 114 | A | 115 | D |
| 116 | C | 117 | A | 118 | B | 119 | C | 120 | B |

Some answers have been updated in view of latest changes..!!

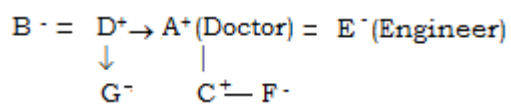


SOLUTIONS

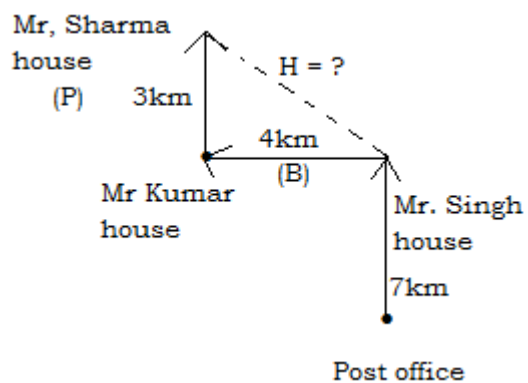
111)



112)



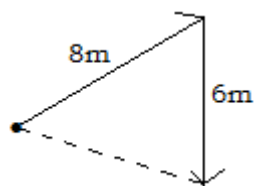
113)



$$H^2 = B^2 + P^2$$

$$H = 5$$

114)



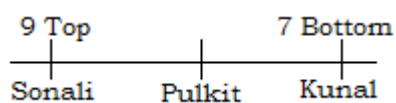
$$H^2 = B^2 + P^2$$

$$H = 10$$

115 – 119:

| Person | City | Mode |
|--------|-----------|-----------|
| P | Hyderabad | Bus |
| Q | Kolkata | Aeroplane |
| R | Bangalore | Car |
| S | Chennai | Boat |
| T | Delhi | Train |

120)



$$9 + x + 7 = 35$$

$$16 + x = 35$$

$$x = 19$$

Kunal is 10th position from Pulkit.

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