

2261 Dairy Science and Technology Paper-XV (Animal Reproduction and Artificial Insemination)

Time: One Hour

Max. Marks: 25

Instructions

Solve any 25 questions from Q.1 to Q.30

- 1 which are the primary sex organs of the Bull....
(A)voaries (B)penis (C)testis (D)oviducts.
- 2 maturation of sperms occurs in...
(A)testis (B)epididymis (C)vagina (D)scrotum.
- 3 which of the following secrete seminal plasma...
(A)seminal vesicles (B)prostate glands (C)bulbo urethral glands (D)all above.
- 4 which is primary sex organ of the cow?
(A)uterus (B)vagina (C)oviduct (D)ovaries
- 5 where fertilization takes place?
(A)penis (B)scrotum (C)oviducts (D)uterus.
- 6 process by which gametes are formed is known as....
(A)oogenesis (B)spermatogenesis (C)gammat oogenesis (D)none of these.
- 7 During oogenesis mature ovum and small non functional bodies formd call as...
(A)polar bodies (B)foetus (C)embryo (D)zygote.
- 8is the time when the female will receive the male in the act of mating.
(A)oestrous cycle (B)oestrous (C)fertilization (D)ovulation.
- 9 The time interval in between two oestrus period is known as ..
(A)Proestrous (B)metaestrous (C)diestrous (D)estrous cycle.
- 10 Discharge of the egg from the graafian follicle is known as...
(A)ovulation (B)fertilization (C)implantation (D)gestation.
- 11 the time of ovulation in cow is about...hours after the end of estrous.
(A)1-2 (B)24-36 (C)12-15 (D)36-48.
- 12 A period of pregnancy is also known as...
(A)parturition (B)gestation (C)calving (D)lambing.
- 13 gestation period in buffalo is.... days.
(A)316 (B)282 (C)150 (D)180
- 14 expulsion of the foetus and its membranes from the uterus through the birth canal is known as....
(A)pregnancy. (B)heat (C)fertilization (D)parturition .
- 15 the process of parturition is called calving and kidding in respectively.
(A)sheep and goat (B)cow and buffalo (C)cow and goat (D)horse and pig.
- 16 The introduction of male reproductive cells into the female reproductive tract by an artificial means is known as...
(A)AI (B)ETT (C)cloning (D)IVF.
- 17 The main advantage of AI is that it.... the use full Ness of superior sire to an extra ordinary degree.
(A)decreases (B)increases (C)slightly decreased (D)not increases.
- 18 AV is commonly used for ...
(A)examination of semen (B)dilution of semen (C)preservation of semen (D)collection of semen.
- 19 For adult Bulls outer rubber cylinder having an inner diameter of 6 cm with length....cm.
(A)20 (B)30 (C)40. (D)10
- 20is a suspension of spermatozoa in seminal fluid.
(A)sperm (B)semen (C)germ cells. (D)diluent.
- 21 consistency and cloudiness istest for examination of semen.
(A)bacteriological (B)chemical (C)microscopic (D)macroscopic.
- 22 To increase the volume of pure semen for multiple inseminations is the main object of.,
(A)collection of semen (B)examination of semen (C)preservation of semen (D)dilution of semen.
- 23 In natural mating one ejaculate is used to inseminate one female where as after dilution several.... females are inseminated .
(A)hundreds (B)thousands (C)laks (D)millions.
- 24semen is extremely valuable in carrying on the influence of superior sires even after 50 -100 years of their death.
(A)liquid (chilled) (B)frozen (C)fresh (D)diluted
- 25 frozen semen may be Stored at-196°C. by using....
(A)solid carbon dioxide (B)alcohol (C)liquid nitrogen (D)liquid helium
- 26 which method is relatively simpler easy to operate and widely used for AI..
(A)recto- vaginal (B)speculum (C)rail (D)none of above

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27 A cow remains in heat for 12 to 24 hours and should be inseminated between.... before the end of estrus.

(A)4-6 hr (B)2-6days (C)10-12hr. (D)12-16hr.

28 Recovery of embryos is done from.... mother's.

(A)surrogate (B)genetic (C)substitute (D)duplicate

29 In IVF placing the eggs in petridish enriched with culture medium similar to that of the...

(A)vagina (B)cervix (C)ovary (D)oviducts .

30 In superovulation cow can produce...ova at one estrous.

(A)100-120 (B)120-150 (C)50-100 (D)5-50.