

ASSISTANT DIRECTOR SERICULTURE (Advt. No. 07 of 2021-22)

Module Name : PAPER-II-
Exam Date : 20-Feb-2022 Batch : 14:00-16:00

Sr. No.	Question Body and Alternatives
Question & Option	
1	The number of abdominal segments present in the silkworm larva is A1 : 11 A2 : 10 A3 : 8 A4 : 13
Question & Option	
2	White muscardine disease of silkworm is caused by A1 : Beauveria bassiana A2 : Nomuraea rileyi A3 : Aspergillus sp. A4 : None of these
Question & Option	
3	The Uzi fly accidentally introduced to Karnataka from.....state A1 : West Bengal A2 : Tamil Nadu A3 : Assam A4 : Jammu Kashmir
Question & Option	
4	The silk is A1 : Bifilar filament A2 : Single filament A3 : Single and bifilar filament A4 : Twisted filament
Question & Option	
5	To attain good growth of silkworm.....is necessary A1 : Feeding A2 : Mounting A3 : Cleaning A4 : None of these
Question & Option	
6	In multiend reeling machine, the circumference of small reel is A1 : 60-75 cm A2 : 75-85 cm A3 : 85-100 cm A4 : 100-115 cm
Question & Option	
7	Tasar cocoons are sold by A1 : Weight A2 : Number A3 : Volume A4 : Size
Question & Option	
8	Serigraph test is conducted to find out A1 : Tenacity of raw silk A2 : Elongation % of raw silk A3 : Tenacity & Elongation % of raw silk A4 : None of these
Question & Option	
9	The type of mouth part present in silkworm larva is A1 : Biting and Chewing

	A2 : Chewing and Lapping A3 : Siphoning A4 : Mandibulosuctorial
Question & Option	
10	The main objectives of cocoon sorting is A1 : To remove defective cocoons A2 : To remove raw silk quality A3 : To improve reeling performance A4 : A, B and C
Question & Option	
11	Aspergillosis of silkworm is caused by A1 : Aspergillus flavus A2 : Acremonium sp. A3 : Beauveria bassiana A4 : Aphanocladium album
Question & Option	
12	The intensity of light required during silkworm spinning is A1 : 30-40 lux A2 : 15-30 lux A3 : 5-10 lux A4 : 10-15 lux
Question & Option	
13	The Eri silkworm larva mainly feeds on A1 : Tapioca leaves A2 : Castor leaves A3 : Papaya leaves A4 : Mulberry leaves
Question & Option	
14	Double cocoon formation is largely due to A1 : High density of mounting A2 : High intensity of light A3 : Slanting position of mountage A4 : High temperature
Question & Option	
15	The recommended number of tasar DFL's to be brushed in each host plant is A1 : 3-4 A2 : 8-10 A3 : 6-8 A4 : 10-12
Question & Option	
16	Natwa' is commonly employed in reeling of A1 : Muga cocoons A2 : Eri cocoons A3 : Mulberry silk cocoons A4 : Tasar cocoons
Question & Option	
17	Sampoorna is sprayed when per cent of silkworms attain maturity A1 : 3-5 A2 : 10-15 A3 : 15-20 A4 : 30
Question & Option	
18	In silkworm larva, the spinneret is present in A1 : Mouth parts A2 : Reproductive system A3 : Circulatory system A4 : Nervous system
Question & Option	

19	The process of killing pupae without affecting structure and quality of silk is known as A1 : Stifling A2 : Brushing A3 : Cooking A4 : Sundrying
Question & Option	
20	The multiplication of bacteria in the haemolymph of silkworm is known as A1 : Bacteremia A2 : Bacterial Toxicosis A3 : Bacterial Septicemia A4 : Bacterial flacherie
Question & Option	
21	During moulting is dusted on the silkworm A1 : Dithane- M-45 A2 : Lime A3 : Formalin A4 : None of these
Question & Option	
22	Silk is made up of A1 : Carbohydrates A2 : Cellulose A3 : Sugars A4 : Proteins
Question & Option	
23	The full grown larva of muga silkworm is in colour A1 : Green A2 : Blue A3 : Almond A4 : Yellow
Question & Option	
24	"Kakame" is A1 : Cost of cocoon A2 : Quantity of cocoon A3 : Quantity of cocoon required to produce one kg raw silk A4 : None of these
Question & Option	
25	The rearing of muga silkworm for seed crop purpose is known as A1 : Kotia and Jethua A2 : Bhodia and Chotua A3 : Aherua and Jarua A4 : Kotia and Jarua
Question & Option	
26	The soluble protein present in silk is A1 : Sericin A2 : Fibroin A3 : A and B A4 : None of these
Question & Option	
27	The Mejangari silk is produced from..... A1 : Mulberry silkworm A2 : Muga silkworm A3 : Oak tasar silkworm A4 : Eri silkworm
Question & Option	
28	Ecdysis involves A1 : Shedding of old skin A2 : Organogenesis A3 : Gametogenesis

	A4 : Oogenesis
Question & Option	
29	<p>Bacillus thuringiensis was first discovered by</p> <p>A1 : Berliner</p> <p>A2 : S. Ishiwata</p> <p>A3 : Dulmage</p> <p>A4 : Burges</p>
Question & Option	
30	<p>The newly hatched silkworms from egg are called</p> <p>A1 : Chawki worms</p> <p>A2 : Late age worms</p> <p>A3 : Ants</p> <p>A4 : Mature worms</p>
Question & Option	
31	<p>The Eri silkworm is</p> <p>A1 : Polyphagous silkworm</p> <p>A2 : Non mulberry silkworm</p> <p>A3 : Mulberry silkworm</p> <p>A4 : A and B</p>
Question & Option	
32	<p>In general, the cottage basin reeling machine has</p> <p>A1 : 8 ends</p> <p>A2 : 9 ends</p> <p>A3 : 10 ends</p> <p>A4 : 6 ends</p>
Question & Option	
33	<p>In silkworm fibroin is synthesized in</p> <p>A1 : Anterior glands of silk gland</p> <p>A2 : Posterior glands of Silk gland</p> <p>A3 : Middle glands of silk gland</p> <p>A4 : A and C</p>
Question & Option	
34	<p>The process of removal of metabolic wastes from the body is called as</p> <p>A1 : Excretion</p> <p>A2 : Respiration</p> <p>A3 : Hydrolysis</p> <p>A4 : Glycolysis</p>
Question & Option	
35	<p>The rangi disease of silkworm is caused by</p> <p>A1 : Bacillus thuringiensis</p> <p>A2 : Serratia marcescens</p> <p>A3 : Streptococcus sp.</p> <p>A4 : Staphylococcus sp.</p>
Question & Option	
36	<p>The size of the leaf required for III instar silkworm is.....</p> <p>A1 : 0.5-2cm²</p> <p>A2 : 2-4cm²</p> <p>A3 : 4-6cm²</p> <p>A4 : Entire leaf</p>
Question & Option	
37	<p>The Tassar cocoon has</p> <p>A1 : Strong peduncle</p> <p>A2 : Strong peduncle with ring</p> <p>A3 : Only ring</p> <p>A4 : Only peduncle</p>
Question & Option	
38	<p>The muga silkworms are transferred from one plant to another using</p> <p>A1 : Chalani</p>

	A2 : Bharpok A3 : Jali A4 : A,B and C
Question & Option	
39	The multi end reeling machine has A1 : 8-10 ends A2 : 10-12 ends A3 : 6-8 ends A4 : 12-14 ends
Question & Option	
40	The objective of dusting lime on silkworm during moulting is..... A1 : To maintain humidity in rearing bed A2 : To facilitate quick drying of left-over leaf A3 : To avoid irregular moulting A4 : B and C
Question & Option	
41 pair of malpighian tubules are present in excretory system of silkworm A1 : 3 A2 : 4 A3 : 8 A4 : 10
Question & Option	
42	The name "Pebrine" was given by A1 : Dequadrifagues A2 : Steinhaus A3 : Louis Pasteur A4 : Kawakami
Question & Option	
43	The number of trays required for rearing 100 dfls of multivoltine breed is A1 : 50 A2 : 80 A3 : 20 A4 : 10
Question & Option	
44	Antheraea myllita belongs to the family A1 : Sciuiridae A2 : Muridae A3 : Ornituidae A4 : Saturnidae
Question & Option	
45	The outer layer of the cocoon is called as A1 : Floss A2 : Pelade layer A3 : Sericin layer A4 : Fibroin layer
Question & Option	
46	The commercially exploited Tasar eco-race is A1 : Laria A2 : Moria A3 : Railey A4 : Daba
Question & Option	
47	The quantity of bed disinfectants required to rear 100 DFL's is A1 : 6 kg A2 : 8 kg A3 : 3 kg A4 : 2 kg
Question & Option	

48	In silkworm, the central nervous system consists of A1 : Brain A2 : Suboesophageal Comissures A3 : Ventral Nerve Cord A4 : A, B and C
Question & Option	
49	In 1845, the incidence of pebrine disease was noticed at A1 : France A2 : Spain A3 : Romania A4 : Syria
Question & Option	
50	Eri culture is predominant in A1 : Karnataka A2 : West Bengal A3 : Assam A4 : J & K
Question & Option	
51	Stifling is done through A1 : Sun drying A2 : Steam stifling A3 : Hot air stifling A4 : A, B and C
Question & Option	
52	The ecoraces of eri silkworm A1 : Borduar A2 : Titabar A3 : Sille A4 : A,B and C
Question & Option	
53	Riddling is A1 : Separation of pupae from cocoon A2 : Separation of cocoon by size A3 : Separation of pupa by size A4 : None of these
Question & Option	
54	The digestion and assimilation of food takes place mainly in..... A1 : Foregut A2 : Midgut A3 : Hindgut A4 : A and C
Question & Option	
55	The Brownian movement is exhibited by A1 : Fungal spore A2 : Pebrine spore A3 : Bacterial spore A4 : A, B and C
Question & Option	
56	The chemical disinfectant "Chlorine dioxide" is marketed as A1 : Sanitech A2 : Serichlor A3 : Bleaching powder A4 : A and B
Question & Option	
57	Antheraea assamensis is..... In nature. A1 : Domesticated A2 : Wild A3 : Semi Domesticated

	A4 : None of these
Question & Option	
58	Deflossing refers to A1 : Removal of floss A2 : Removal of pelade layer A3 : Removal of Sericin layer A4 : A and B
Question & Option	
59	During prick method of mother moth examination, the pricking will be given at..... abdominal segment of the moth A1 : 3rd and 4th A2 : 4th and 5th A3 : 5th and 6th A4 : 7th and 8th
Question & Option	
60	The pair of ovaries found in the silkworm female reproductive system is..... A1 : 4 pair A2 : 6 pair A3 : 1 pair A4 : 2 pair
Question & Option	
61	The Exorista bombycis is found to be on silkworm Bombyx mori A1 : Larval endo parasite A2 : Pupal endoparasite A3 : Larval ectoparasite A4 : Pupal parasite
Question & Option	
62	The commercially available genral disinfectant formalin contains....percent formaldehyde A1 : 36-40 % A2 : 20-25 % A3 : 40-45 % A4 : 25-30 %
Question & Option	
63	The pebrine disease of muga silkworm is also called as A1 : Mukhlaga A2 : Phularog A3 : Phutaka A4 : A, B and C
Question & Option	
64	Degumming refers to A1 : Removal of water from shell A2 : Removal of fibroin layer A3 : Removal of Sericin layer A4 : A and B
Question & Option	
65	Jeevan Sudha is generally sprayed on tasar silkworm to control....disease A1 : Viral A2 : Muscardine A3 : Protozoan A4 : A, B and C
Question & Option	
66	In silkworm larva, the fourth segment of the head is modified into A1 : Mandible A2 : Antennae A3 : Maxillae A4 : Labium
Question & Option	
67	The botanical based bed disinfectants used during silkworm rearing..... A1 : Ankush

	A2 : Vijetha Green A3 : Suraksha A4 : A and B
Question & Option	
68	The tropical tasar silkmoth is going to emerge during A1 : June A2 : October A3 : December A4 : May
Question & Option	
69	Charka reeling machine has A1 : 6 ends A2 : 8 ends A3 : 4 ends A4 : 10 ends
Question & Option	
70	To feed young silkworms.....type of leaves are used A1 : Mature A2 : Coarse A3 : Tender and palatable leaves A4 : A and B
Question & Option	
71	Moths normally lay about ____% of the total eggs during the first 72 hrs after decoupling A1 : 40% A2 : 60% A3 : 20% A4 : 80%
Question & Option	
72	The term flacherie refers to A1 : Flaccid condition A2 : Suffering from dysentery A3 : Due to bacteria or virus or both A4 : A, B and C
Question & Option	
73	The flacherie disease of muga silkworm is also called as A1 : Mukhlaga A2 : Phularog A3 : Phutaka A4 : A, B and C
Question & Option	
74	Eupprouvette is A1 : Reeling mechine A2 : Re-reeling machine A3 : Single cocoon reeler A4 : Cocoon brushing machine
Question & Option	
75	Ushnakoti" is A1 : Drying chamber of cocoons A2 : Drying chamber of equipments A3 : Drying chamber of defective cocoons A4 : Drying chamber of defective cocoons and equipments
Question & Option	
76	Usually tropical tasar silkworm larvae feed from A1 : Margin to centre of the leaf A2 : Base to centre of the leaf A3 : Midrib to base of the leaves A4 : Petiole to tip of leaves
Question & Option	

77	The shelf life of Suraksha and Sanjeevini bed disinfectants is..... A1 : 12 months A2 : 6 months A3 : 8 months A4 : 4 months
Question & Option	
78	The number of cocoons required to produce 1 kg of eri spun silk A1 : 5000 A2 : 3000 A3 : 2000 A4 : 1500
Question & Option	
79	The best time for brushing of silkworm larvae is A1 : 10 AM A2 : 6 AM A3 : 4 PM A4 : 6 PM
Question & Option	
80	the "Thatte Roga" of silkworm is caused due to A1 : A symbiotic association with virus and bacteria A2 : A symbiotic association with fungus and bacteria A3 : A non symbiotic association with virus and bacteria A4 : None of these
Question & Option	
81	The success of silkworm rearing mainly depends upon..... A1 : Quality of mulberry leaves A2 : Rearing house environmental condition A3 : Quality of silkworm egg & rearing technology adopted A4 : All of these
Question & Option	
82	Providing full darkness at pin head stage of silkworm egg is known as.... A1 : Black boxing A2 : Brushing A3 : Chawki rearing A4 : B and C
Question & Option	
83	The modified hybrid mountages are developed by.... A1 : KSSR & DI Bengaluru A2 : CSR & TI Mysore A3 : SSTL Bengaluru A4 : APSSR & DI
Question & Option	
84	Yarn spun out from tasar cocoon peduncle is A1 : Gicha A2 : Katia A3 : Balkal A4 : Jhori
Question & Option	
85	During silkworm rearing, 2 percent bleaching powder with 0.3 percent slaked lime is used to A1 : To wipe the floor after bed cleaning A2 : To dispose diseased silkworms A3 : To dispose non spinning silkworm on mountage A4 : A, B and C
Question & Option	
86	The peak incidence of flacherie disease in muga silkworm is noticed during A1 : Summer A2 : Rainy A3 : Winter

	A4 : A, B and C
Question & Option	
87	The per cent fibroin content in the cocoon shell is A1 : 70-80 % A2 : 60-70 % A3 : 50-60 % A4 : 40-50 %
Question & Option	
88	Semi domesticated species of muga silkworm exhibits.... voltinism A1 : Univoltine A2 : Bivoltine A3 : Multivoltine A4 : Trivoltine
Question & Option	
89	Vijetha green is a A1 : Room disinfectant A2 : Surface disinfectant A3 : Bed disinfectant A4 : B and C
Question & Option	
90	The temperate tassar silkworm is A1 : Univoltine A2 : Bivoltine A3 : Multivoltine A4 : Uni and Bivoltine
Question & Option	
91	The weavers prefer raw silk with A1 : More sericin content A2 : Less sericin content A3 : Without sericin A4 : None of these
Question & Option	
92	Matka yarn is produced by using A1 : Pierced cocoon A2 : Cut cocoons A3 : Good cocoons A4 : A and B
Question & Option	
93	Anaphae silkworm is A1 : Univoltine A2 : Bivoltine A3 : Multivoltine A4 : Uni and Bivoltine
Question & Option	
94	Sanitech is an ideal general disinfectant containing ... A1 : Paraformaldehyde A2 : Chlorine dioxide A3 : Formaldehyde A4 : Benzoic acid
Question & Option	
95	Newly hatched larvae is brushed from the egg card to rearing tray by A1 : Feather A2 : Chopsticks A3 : Paraffin paper A4 : Foam rubber strips
Question & Option	
96	In pan system of cocoon cooking.... is found effective for bivoltine cocoons A1 : open pan

- A2 : Two pan
- A3 : Three pan
- A4 : Four pan

Question & Option

- 97 The objective of silkworm egg incubation is...
- A1 : Healthy growth of embryo
 - A2 : Uniform hatching
 - A3 : Uniform development
 - A4 : A, B and C

Question & Option

- 98 The genome of BmNPV is....
- A1 : dsDNA
 - A2 : ssDNA
 - A3 : dsRNA
 - A4 : ssRNA

Question & Option

- 99 During silkworm egg development, head pigmentation stage is also known as
- A1 : Pin Head stage
 - A2 : Blue egg stage
 - A3 : Body pigmentation
 - A4 : All of these

Question & Option

- 100 Croissure is a
- A1 : Intertwining of silk filaments
 - A2 : combing of silk filaments
 - A3 : mixing up of silk filaments
 - A4 : A knot in the silk filament