

मध्यप्रदेश लोक सेवा आयोग
रेसीडेन्सी एरिया
इन्दौर

क्रमांक : 2185/69/2011/प-9

इन्दौर, दिनांक-18.10.2018

अंतिम उत्तर कुंजी

-:: विज्ञप्ति ::-

अन्तर्गत पशु चिकित्सा सहायक शल्यज्ञ परीक्षा 2018 के संदर्भ में आयोग द्वारा जारी विज्ञप्ति क्रमांक 457/69/2011/प-9 इन्दौर, दिनांक 07.10.2018 के अंतर्गत परीक्षा के प्रश्न पत्र की प्रावधिक उत्तर कुंजी आयोग की वेबसाईट पर प्रकाशित की गई थी। अभ्यर्थियों से प्राप्त ऑनलाईन आपत्तियों का विषय विशेषज्ञों द्वारा परीक्षण किया गया तथा प्रश्न पत्र की अंतिम उत्तर कुंजी अनुशंसित की गई है। यह अंतिम उत्तर कुंजी है। इस अंतिम उत्तर कुंजी के आधार पर परीक्षा परिणाम तैयार किया जायेगा। अतः अब इस संबंध में अभ्यर्थियों की किसी प्रकार की आपत्तियों/अभ्यावेदनो पर विचार नहीं किया जायेगा। अभ्यर्थी आयोग की वेबसाईट पर अपना रोल नंबर एवं प्रवेश पत्र पर दिये गये पासवर्ड की सहायता से लॉग-इन कर अपनी रिस्पांस शीट का अवलोकन कर सकते हैं। यह विज्ञप्ति आयोग की वेबसाईट www.mppsc.nic.in, www.mppsc.com & www.mppscdemo.in पर दिनांक 18.10.2018 से उपलब्ध है।



(डॉ.आर.पंचभाई)
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Veterinary Assistant Surgeon Exam - 2018

(Final Answer Key)

Animal Husbandry and Veterinary Science

Q.No: 1	Pica, characterized by abnormal appetite and chewing of woods, bones, rags and other foreign materials indicate the deficiency of
A	P
B	Mg
C	Na
D	Ca

Q.No: 2	In which animal, anemia can occur when they are housed in pens without access to soil
A	Calves
B	Lambs
C	Piglets
D	Chicks

Q.No: 3	Flushing is practiced
A	Before breeding
B	After parturition
C	For maintenance
D	During growth

Q.No: 4	Silage is
A	Fresh chopped fodder
B	Fodder fermented under controlled condition
C	Dried fodder
D	Preserved grains

Q.No: 5	Curled toe paralysis in poultry is caused due to deficiency of
A	Riboflavin
B	Vitamin E
C	Vitamin C
D	Niacin

Q.No: 6	Urea toxicity occurs when blood ammonia level exceed :
A	01 mg / 100 ml
B	10 mg / 100 ml
C	20 mg / 100 ml

D	30 mg / 100 ml
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Q.No: 7	Which of the following is commonly called as animal starch ?
A	Glucose
B	Glycogen
C	VFAs
D	Fructose

Q.No: 8	The tallest breed of sheep in India is
A	Nellore
B	Mandya
C	Chokla
D	Shabadi

Q.No: 9	If in an animal population, frequency of homozygous recessives is twice the frequency of heterozygote, What will be the frequency of recessive allele?
A	0.2
B	0.4
C	0.6
D	0.8

Q.No: 10	Progeny testing in dairy cattle is used to evaluate
A	Performance of progeny
B	Sire's breeding worth
C	Young male's own performance
D	None of these

Q.No: 11	The following is required for constructing selection index
A	Relative economic value for each trait
B	Genetic & Phenotypic variance of each trait
C	Genetic & phenotypic covariance among each trait
D	All of the these

Q.No: 12	The breeding tract of Kenkatha breed of cattle encompasses the states of
A	Karnataka and Tamilnadu
B	Karnataka and Maharashtra
C	Central India and Uttar Pradesh
D	Central India and Chhattisgarh

Q.No: 13	Individual selection is
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A	Based on individual's phenotypic value
B	Effective when heritability is high
C	Mass selection
D	All of these

Q.No: 14	Egg production in poultry is inherited as a
A	Sex limited trait
B	Polygenic trait
C	Both (Sex limited trait) and (Polygenic trait)
D	None of these

Q.No: 15	"Wildlife Protection Act" was launched in the year
A	1962
B	1972
C	1982
D	2002

Q.No: 16	The Project Tiger was initiated in the year
A	1953
B	1963
C	1973
D	1983

Q.No: 17	The term kindling is used for
A	Candling for sexing
B	Delivery of rabbit
C	Kind handling of rabbit
D	Act of delivery in goats

Q.No: 18	Most beautiful dairy cattle is
A	HF
B	Jersey
C	Ayrshire
D	Brown Swiss

Q.No: 19	The Yak is considered to be fully grown at the age of (years)
A	1-2
B	2-3
C	3-5
D	6-8

Q.No: 20	The training can be started in Bullocks at the age of
A	6 months to 1 year
B	2 to 3 years
C	4 to 5 years
D	Depends upon breed

Q.No: 21	As per BIS standard, the floor space requirement (m ²) for covered area for bull is
A	6
B	8
C	10
D	12

Q.No: 22	The Highest quality bacon in the World is produced by
A	Tamworth
B	Duroc
C	Landrace
D	Chester white

Q.No: 23	Castrated male of cattle is Known as
A	Steer
B	Wether
C	Barrow
D	Geld

Q.No: 24	Curled leaf appearance of ear is a characteristic of
A	Red Sindhi
B	Tharparkar
C	Sahiwal
D	Gir

Q.No: 25	In poultry true stomach is
A	Gizzard
B	Proventriculus
C	Crop
D	Abomasum

Q.No: 26	Hybrid of Jack and Mare is known as
A	Mule

B	Ass
C	Hinny
D	None

Q.No: 27	The following is not developed in new born calf
A	Rumen
B	Liver
C	Omasum
D	Abomasum

Q.No: 28	The following breed is the native of Gujarat :
A	Malvi
B	Nimari
C	Kenkatha
D	Kankrej

Q.No: 29	Method of cross breeding is/are
A	Criss Crossing
B	Triple Crossing
C	Back Crossing
D	All of these

Q.No: 30	Which of the following mineral has the non-specific antioxidant activity?
A	Potassium
B	Calcium
C	Nickel
D	Selenium

Q.No: 31	Lactobacillus bacteria are used as
A	antibiotic growth promoters
B	acidifiers
C	Probiotics
D	Prebiotics

Q.No: 32	Brooding temperature during first week should be.
A	25°c
B	35°c
C	45°c
D	All of these

Q.No: 33	The Longest portion of oviduct is
A	Isthmus
B	Magnum
C	Uterus
D	None of these

Q.No: 34	An egg spends 0.25 hour in
A	Infundibulum
B	Magnum
C	Shell gland
D	None

Q.No: 35	Crazy chick disease occurs in chicks due to deficiency of
A	Vitamin B
B	Vitamin C
C	Vitamin D
D	Vitamin E

Q.No: 36	The moulting order in laying hen is :
A	Head, neck, breast, body, wings & tail
B	Tail, wings, body, breast, neck & head
C	Body, breast, wings, tail & head
D	Wings, breast, body, tail, Head

Q.No: 37	The weight of the birds has to be controlled to
A	Prevent fat accumulation
B	To get better egg production
C	To get higher percentage of fertility
D	All of these

Q.No: 38	Exposure of eggs to extremely high temperature (46-49 ^o c) during incubation results into
A	Shortest incubation time
B	Production of smaller chicks
C	Death of all embryos
D	Poor hatchability

Q.No: 39	Following is not a mycotic disease of poultry
A	Aspergillosis

B	Favus
C	Thrush
D	Limber neck

Q.No: 40	The National Commission on Agriculture (1976) refers to extensions is a/an
A	Out of school education
B	Formal education
C	Farm family education
D	Informal Education

Q.No: 41	Organising village scouts called Brati Batika is associated with:
A	Gurgaon Experiment
B	Shantiniketan
C	Marthandom project
D	Etawah pilot project

Q.No: 42	Educational psychology is a/an:
A	Positive science
B	Normative science
C	Autonomous science
D	Applied science

Q.No: 43	TRYSEM is facilitating component of the :
A	IADP
B	NDDB
C	ICDP
D	IRDP

Q.No: 44	Caste system and class system represents basic forms of :
A	Social Interactions
B	Socialization
C	Social system
D	Social stratification

Q.No: 45	In Extension education audience is :
A	Homogeneous
B	Heterogeneous
C	Taught directly by the teacher
D	Diversified

Q.No: 46	It is the degree to which a communication source is perceived as trustworthy and competent by the receiver is known as :
A	Empathy
B	Fidelity
C	Credibility
D	Interaction

Q.No: 47	One of best programme of the extension in which actual things, practices can demonstrate or explained easily and successfully:
A	Exhibition
B	Tours
C	Farm visit
D	Demonstration

Q.No: 48	According to Leagans (1961), behavior refers to :
A	Knowledge
B	Skills
C	Attitude & Action
D	All of these

Q.No: 49	Method of determining the suitability of a new practice in farmer situation is :
A	Group discussion
B	Training
C	Minikit trial
D	Demonstration

Q.No: 50	Which one of the following methods is not suitable for the development of butter granules in cultured buttermilk?
A	Adding salt in finished product
B	Churning of cultured cream
C	Passing hot butter oil through a screen into cold butter oil
D	Adding cream in cultured skim milk while breaking up the curd

Q.No: 51	Lal dahi is also known as
A	Soft curd
B	Dahi Kusum
C	Colostrum curd
D	Sweetened dahi

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Q.No: 52	Cheese made from skim milk is termed as
A	Gauda cheese
B	Sapsago cheese
C	Cheddar cheese
D	Cottage cheese

Q.No: 53	What is freezing point of milk
A	0° c
B	-0.55° c
C	-1.55° c
D	-1° c

Q.No: 54	Milk is an emulsion of
A	Oil-in-Water
B	Water-in-Oil
C	Oil-in-Oil
D	Oil-in-Starch

Q.No: 55	The "eyes" in swiss cheese are formed by the growth of
A	Leuconostoc
B	Propionibacterium
C	Streptococcus
D	Lactobacillus

Q.No: 56	The lactose content of cow milk is
A	4.9%
B	3.8%
C	6.1%
D	5.8%

Q.No: 57	The recommended storage temperature for ghee is
A	1° c
B	11° c
C	21° c
D	31° c

Q.No: 58	Maximum score is given for one of the following while judging and grading of milk
A	Temperature
B	Flavour

C	Sediment
D	Bacteria

Q.No: 59	Following is not a milk bacterial born disease
A	Brucellosis
B	Campylo bacteriosis
C	Mastitis
D	Aflatoxicosis

Q.No: 60	A systemetic inspection of carcasses should be initiated in the following order
A	Kidney, spleen, uterus
B	Udder, tester, and spleen
C	Head, lungs, heart liver and so on
D	Esophagus, intensive, stomach

Q.No: 61	The bacterial count of milk varies between
A	500-1000/ml
B	1100-1500/ml
C	1500-2000/ml
D	2000-2500/ml

Q.No: 62	The number of new cases that occur in a known population over a specified period of time is known as
A	Incidence
B	Cumulative incidence
C	Prevalence
D	Incidence rate

Q.No: 63	Pigs act as
A	Amplifier host
B	Link host
C	Both (Amplifier host) and (Link host)
D	None of these

Q.No: 64	Causative agent of plague is
A	<i>Yesinia enterocolitica</i>
B	<i>Pasteurella multocida</i>
C	<i>Yesinia pestis</i>
D	<i>Bacillus anthracis</i>

Q.No: 65	The following is not a method of cremation-
A	Cross trench method
B	Surface burning
C	Bostock pit method
D	Composting

Q.No: 66	Koch's postulates are given by-
A	Louis Pasteure
B	Robert Koch
C	D'mitri Ivanovsky
D	Edward Jenner

Q.No: 67	The viral infection which is zoonotic in nature and invariably fatal is
A	Brucellosis
B	Mastitis
C	Rabies
D	None of these

Q.No: 68	The bovine abortion is caused by-
A	Listeriosis
B	Brucellosis
C	Campylobacteriosis
D	All of these

Q.No: 69	Segregation of animals, which are suspected to be affected with a contagious disease is termed as:
A	Quarantine
B	Isolation
C	Weaning
D	Culling

Q.No: 70	Mating of animal of two or more different breeds is known as
A	Inbreeding
B	Cross breeding
C	Spp. Hybridization
D	All of these

Q.No: 71	Piercing outlines of desired number or letter on the skin inside ears is known as
A	Tagging
B	Branding

C	Tattooing
D	Microchipping

Q.No: 72	Removing wool from sheep is termed as
A	Clipping
B	Shearing
C	Cutting
D	Ringing

Q.No: 73	The young ones of rabbit is knows as
A	Kid
B	Lamb
C	Bunny
D	Kitten

Q.No: 74	Mehsana is a somewhat mixed breed, intermediate type between
A	Nagpuri and Jafrabadi
B	Murrah and Surti
C	Murrah and Bhadawari
D	Nili and Ravi

Q.No: 75	The gestation period of goat is
A	131 days
B	141 days
C	151 days
D	161 days

Q.No: 76	Which factor is deficient in hemophilic patient ?
A	Factor VIII
B	Factor II
C	Factor X
D	All of these

Q.No: 77	Metabolic acidosis occurs when there is -
A	Severe diarrhea
B	Excessive vomiting
C	Both Severe diarrhea and Excessive vomiting
D	None of these

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Q.No: 78	Traumatic reticuloperitonitis is caused by :
A	Straw feeding
B	Hay feeding
C	Foreign objects
D	Infection of rumen wall

Q.No: 79	Cause of Addison's disease is :
A	Hyperadrenocorticism
B	Hypoadrenocorticism
C	Hyperthyroidism
D	Hypothyroidism

Q.No: 80	The following has inhibitory effect on the secretion of growth hormone :
A	GhRH
B	Somatostatin
C	Somatomedin
D	GnRH

Q.No: 81	Hormone, that is responsible for let down of milk.
A	Glucagon
B	Oxytocin
C	Progesteron
D	Estrogen

Q.No: 82	The rectal temperature of 41 ^o C in dogs indicate -
A	Normal body temperature
B	Severe nervous symptoms
C	Loss of neural control of thermal regulation
D	None of these

Q.No: 83	The duration of LH surge in cattle is -
A	06-12 hrs
B	13-15 hrs
C	15-20 hrs
D	20-24 hrs

Q.No: 84	Transitional epithelium is found in the
A	Trachea
B	Urinary bladder
C	Gall bladder

D	Skin
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Q.No: 85	Cell having a spherical, eccentric nucleus giving cart wheel appearance is
A	Pericyte
B	Mast cell
C	Plasma cell
D	Fat cell

Q.No: 86	Scapula of Ox is an example of
A	Flat bone
B	Long bone
C	Short bone
D	Irregular bone

Q.No: 87	In which joint of Ox cruciate ligament is found
A	Shoulder joint
B	Elbow joint
C	Stifle joint
D	Hock joint

Q.No: 88	Signet ring shaped cartilage found in the larynx of Ox is
A	Epiglottis
B	Thyroid
C	Cricoid
D	Arytenoids

Q.No: 89	Which among the following is a selective COX-2 inhibitor
A	Nimesulide
B	Nabumetone
C	Celecoxib
D	Metamizole

Q.No: 90	Sucralfate promotes healing of duodenal ulcer by :
A	Enhancing gastric mucus and bicarbonate secretion
B	Protective layer on ulcer and preventing the action of acid-pepsin on ulcer base
C	Promote regeneration of mucosa
D	Both (Enhancing gastric mucus and bicarbonate secretion) and (Protective layer on ulcer and preventing the action of acid-pepsin on ulcer base)

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Q.No: 91	Low doses of heparin causes :
A	Increase coagulation time
B	Decrease coagulation time
C	Leucocytosis
D	None of these

Q.No: 92	Bromohexine acts by
A	Inhibiting cough secretion
B	Irritating gastric mucosa and reflexly increasing bronchial secretion
C	Depolymerizing mucopolysaccharides present in sputum
D	Desensitizing stretch receptors in the lungs

Q.No: 93	Which of the following drug is an antiprogestin ?
A	Gemeprost
B	Megestrol
C	Mifepristone
D	Tamoxifen

Q.No: 94	Absorption of oral calcium preparations can be facilitated by co-administering :
A	Antacids
B	Vit. D
C	Phosphates
D	Ascorbic acid

Q.No: 95	Digitalis slows heart rate in congestive heart failure by :
A	Increasing vagal tone
B	Decreasing sympathetic overactivity
C	Direct depression of sinoatrial node
D	All of these

Q.No: 96	Local anesthetic used topically to induce anaesthesia in eye -
A	Cocaine
B	Tetracaine
C	Hexacaine
D	None of these

Q.No: 97	The Anti-fungal drug, which is an inhibitor of thymidylate synthetase is :
A	Griseofulvin
B	Natamycin
C	Flucytosine

D	Hamycin
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Q.No: 98	The Antiseptic activity of Dettal is due to presence of -
A	Chlorhexidine
B	Chloroxlenol
C	Chlorophores
D	All of these

Q.No: 99	General oedema is also known as
A	Passive oedema
B	Anasarca
C	False oedema
D	Renal oedema

Q.No: 100	The multi factorial disorder of negative energy balance is -
A	Ketosis
B	Transit tetany
C	Grass tetany
D	Eclampsia

Q.No: 101	Parturient paresis of cattle commonly seen in the deficiency of
A	Sodium
B	Potassium
C	Calcium
D	Iron

Q.No: 102	Wheat pasture poisoning is resulted due to
A	Myoglobinuria
B	Hypocalcaemia
C	Hypomagnesimia
D	Hypoglycemia

Q.No: 103	Zinc deficiency in pigs causes keratinization of epithelial cells of skin is known as
A	Parakeratosis
B	Hyperkeratosis
C	Halitosis
D	Sialolith

Q.No: 104	Hepatos dietetica is seen in pigs due to deficiency of

A	Iodine
B	Selenium and Vitamin E
C	Manganese
D	Cobalt

Q.No: 105	White muscle disease in calf, occurs due to deficiency of
A	Iodine
B	Selenium and Vit E
C	Copper
D	Iron

Q.No: 106	Cause of Low milk fat syndrome
A	Heigh milk Yield
B	Over weight cow
C	Diet Low in fiber
D	Mastitis

Q.No: 107	The <i>B.bigemia</i> infected adult cattle remain carrier upto :
A	2 yrs
B	3 yrs
C	5 yrs
D	7 yrs

Q.No: 108	Ivermeetin parentally effective in low doses for the treatment of <i>D.viviparous</i> in bovines
A	0.5 mg/Kg b.wt
B	0.2 mg/Kg b.wt
C	0.05 mg/Kg b.wt
D	0.1 mg/Kg b.wt

Q.No: 109	The earliest pregnancy diagnosis in cow by rectal examination can be done at
A	10 days
B	15 days
C	20 days
D	30 days

Q.No: 110	The length of oestrus cycle in ewe is
A	16-17 days
B	20-21 days
C	22-24 days

D	25-30 days
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Q.No: 111	The duration of oestrus in goat is
A	8-19 hrs
B	20-35 hrs
C	48-60 hrs
D	62-72 hrs

Q.No: 112	Gestation length in pig is
A	90 days
B	114 days
C	148 days
D	160 days

Q.No: 113	The corpus luteum does not persist through out the pregnancy in
A	Pigs
B	cows
C	horses
D	Goats

Q.No: 114	The study of abnormal development and malformation in antenatal individual is known as
A	Teratology
B	Embryology
C	Cellular biology
D	Splanchnology

Q.No: 115	The Fetotomy is recommended to save the life of dam and to be performed
A	Outside uterus
B	Inside uterus
C	Both (Outside uterus) and (Inside uterus)
D	None of these

Q.No: 116	Which of the following is not assisted reproductive technique
A	Artificial Insemination
B	Multiple ovulation/embryo transfer
C	Invitro embryo production
D	Natural service

Q.No: 117	Wry neck posture is more commonly found
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A	Mare
B	Cow
C	Ewe
D	Bitch

Q.No: 118	In case of cows which type of fetal mummification is seen
A	Hematic
B	Papyraceous
C	Both (Hematic) and (Papyraceous)
D	None of these

Q.No: 119	The inability to protrude the penis out of prepuce sac is known as
A	Balanitis
B	Phimosis
C	None of these
D	Orchitis

Q.No: 120	High percentage of abnormal spermatozoa in semen sample is known as -
A	Aspermia
B	Azoospermia
C	Oligozoospermia
D	Teratozoospermia

Q.No: 121	Androgens are produced by
A	Lutein cells
B	Leydig cells
C	Sertoli cells
D	Theca interna cells

Q.No: 122	Testicular hypoplasia is
A	Congenital
B	Acquired
C	Pyometra
D	None of these

Q.No: 123	Document compelling the attendance of a witness in a "Court of Law" under a penalty
A	Request letter by police
B	Summons
C	Both (Request letter by police) and (Summons)
D	None of these

Q.No: 124	Documentary evidence includes -
A	Certificates
B	Veterolegal reports
C	Both (Certificates) and (Veterolegal reports)
D	None of these

Q.No: 125	Types of witness:
A	Common witness
B	Hostile
C	Expert witness
D	All of these

Q.No: 126	Forensic laboratory for zoo and wild animals in M.P is located at
A	NDVSU, Jabalpur
B	Sagar
C	Bhopal
D	Gwalior

Q.No: 127	Wounds produced by sharp objects is known
A	Incised wound
B	Bruises wound
C	Lacerated wound
D	Punctured wound

Q.No: 128	The wound having two opening , viz. One at the entrance and another at the exit:
A	Gunshot
B	Penetrating
C	Punctured
D	None of these

Q.No: 129	Postmortem findings suggestive death by drowning
A	White froths in mouth and nostril
B	Early rigor mortis
C	Oedematous lungs
D	All of these

Q.No: 130	Adulteration of any article in food or drink is punishable under section:
A	272 IPC

B	193 IPC
C	377 IPC
D	274 IPC

Q.No: 131	Adulteration of any drug or medical preparation is punishable under section :
A	274 IPC
B	193 IPC
C	377 IPC
D	172 IPC

Q.No: 132	Intentionally giving false evidence in any stage of judicial proceeding is punishable under section
A	193 IPC
B	178 IPC
C	377 IPC
D	172 IPC

Q.No: 133	Following is/are visual requirement of a good diagnostic radiograph
A	Excellent details
B	Correct density
C	All of these
D	Proper scale of contrast

Q.No: 134	Pulse - echo Principle is used in
A	X-ray
B	C T Scan
C	Ultra sound imaging
D	MRI

Q.No: 135	Parkar-kerr suturing pattern is associated with
A	Small intestine anastomosis
B	Herniorrhaphy
C	Hernioplasty
D	None of these

Q.No: 136	The following suture is used to narrow and constrict lumen of hollow organ
A	Eversion Suture
B	Inversion suture
C	Purse-string suture
D	Apposition suture

Q.No: 137	Ultra sound of superficial parts like tendon requires transducer of:
A	1-10 MHZ
B	11-15 MHZ
C	16-20 MHZ
D	21-25 MHZ

Q.No: 138	The objectives of docking of tail is
A	To improve the appearance of the animal
B	Injury or neoplasm of the tail
C	Tail gangrene
D	All of these

Q.No: 139	Dehorning is done for following reasons, except
A	To make the animal attractive
B	To make the animal less dangerous
C	In certain disease like horn cancer
D	To hide the breed character of animal

Q.No: 140	Commonly used Knot for temporary fastening for surgical restraint
A	Over hand Knot
B	Square knot
C	Surgeon's Knot
D	All of these

Q.No: 141	In gel electrophoresis, which of the following is used
A	Agar agar powder
B	Poly acrylamide gel
C	Blood agar
D	Nacl

Q.No: 142	PCR is invented by
A	Karry B mulis
B	R.Koch
C	L.Pasteure
D	None

Q.No: 143	DNA probes are
A	Short segments of ssDNA not complementary to the desired gene

B	Short segments of dsDNA not complementary to the desired gene
C	Short segments of ssDNA complementary to the desired gene
D	Short segments of dsDNA complementary to the desired gene

Q.No: 144	In Real Time PCR system, visualization of amplified product is achieved
A	UV transilluminator
B	Computer monitor
C	Upon electrophoresis
D	All of these

Q.No: 145	Ribotyping is extensively used for identifying pathogens
A	Bacteria
B	Fungus
C	Virus
D	Parasites

Q.No: 146	Plasmid profiling is an important characterizing marker associated with.
A	Antibiotic resistance
B	Temperature resistance
C	Oxygen resistance
D	pH resistance

Q.No: 147	DNA sequencing can be described as
A	Primer hybridization
B	Sequence reaction and detection
C	Data analysis
D	All of these

Q.No: 148	Labelled DNA probe and a previously fragmented DNA template hybridization can be detected by
A	Southern blotting
B	Northern blotting
C	Western blotting
D	Eastern blotting

Q.No: 149	DNA molecules has an important analytical features -
A	Recognition properties
B	Stability and flexibility
C	Sequence feature
D	All of these

Q.No: 150	Fluorescent labelling dye used in quantitative Real Time PCR are -
A	Syber green
B	TaqMan
C	Quenched probe
D	All of these