

**Post of Medical Officer / Research Officer UPSC (Hom.)Exam**  
**-2016**

101.

Which medicine should be preserved under water, in which it is insoluble because it is inflammable in the air?

- (a) Glonoine
- (b) Phosphorous
- (c) Causticum
- (d) Fluoric acid

102.

'Rule of Nines' advocated by Wallace, is used in the prognosis of cases of:

- (a) Asphyxia
- (b) Drowning
- (c) Burns
- (d) Gagging

103.

Saturday night palsy occurs in toxic poisoning by:

- (a) Alcohol
- (b) Opium
- (c) Carbolic acid
- (d) Lead

104.

Burtonian line is seen in poisoning due to:

- (a) Opium
- (b) Mercury
- (c) Arsenic
- (d) Lead

105.

In which one of the poisoning, is there yellowish discolouration of the skin in post-mortem examination?

- (a) Sulphuric acid poisoning
- (b) Arsenic poisoning
- (c) Nitric acid poisoning
- (d) Mercurial poisoning

106.

The chemical constituent which is responsible for the therapeutic action is called:

- (a) Phyto constituent
- (b) Active constituent
- (c) Chemical constituent
- (d) Therapeutic constituent

107.

IUCD is contraindicated in which of the following?

1. PID
2. Presence of fibroids
3. Dysfunctional uterine bleeding

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

108.

In which Aphorism has Dr Hahnemann mentioned about Literate prover?

- (a) Aphorism 129
- (b) Aphorism 141
- (c) Aphorism 139
- (d) Aphorism 140

109.

Which one of the following actions should be recorded during proving of narcotic substance?

- (a) Secondary action
- (b) Counter action
- (c) Primary action
- (d) Curative action

110.

Drug action on healthy human beings can be ascertained by which of the following?

- 1. Chemical action
- 2. Mechanical action
- 3. Dynamic action

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

111.

According to old Hahnemannian method of preparation of drugs, alcohol is used in which of the following?

- 1. Class IV
- 2. Class II
- 3. Class III

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

112.

Which of the following are nosodes?

- 1. Bacillinum
- 2. Fel tauri
- 3. Botulinum
- 4. Secale Cor

Select the correct answer using the code given below:

- (a) 1 and 4 only
- (b) 2 and 3
- (c) 1 and 3 only
- (d) 1, 3 and 4

113.

Which of the following drugs are prepared from milk and milk products?

1. Lac defloratum
2. Colostrum
3. Lac vaccinum coagulatum
4. Latrodectus mactans

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 4
- (c) 1 and 3 only
- (d) 1, 2 and 3

114.

“No one can know everything and that is why in all honesty one must admit that no conscientious homeopathic doctor can practice homoeopathy in a serious and really scientific way without a repertory.” Who gave this statement?

- (a) Dr Kent
- (b) Dr Hering
- (c) Dr Boennighausen
- (d) Dr P Schmidt

115.

Calendula officinalis is prepared from:

- (a) Fresh leaves and berries
- (b) Flowering stem
- (c) Fresh flowers
- (d) Fresh flowering tops and leaves

116.

Which of the following are the properties of bee's wax?

1. Sparingly soluble in cold alcohol
2. Completely soluble in ether
3. Completely soluble in fixed oils

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

117.

Which of the following are the methods of drug standardisation?

1. Microscopic evaluation
2. Physical evaluation
3. Chemical evaluation

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

118.

Which part of the plant is used to prepare Nux Moschata?

- (a) Whole plant
- (b) Spores
- (c) Dried bark
- (d) Seeds

119.

Consider the following statements:

1. Hard glass (Potash) bottles with glass stoppers are used for preserving corrosive substances such as acids or alkalis.
2. Actinic glass bottles (coloured) covered outside with a solution of asphaltum for preserving drugs which may be affected by light or sunlight.
3. Gutta Purcha bottles are used for preserving fluoric acid.

Which of the above statements are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

120.

In a suspected case of prostatic enlargement, which one of the following procedures is likely to confirm the diagnosis?

- (a) Rectal examination
- (b) Urine examination
- (c) Measuring water intake and output
- (d) Ultrasonography

121.

The sonographic diagnosis of oligohydramnios is made when Amniotic Fluid Index is:

- (a) Less than 5 cm
- (b) Between 5 cm and 10 cm
- (c) Between 10 cm and 15 cm
- (d) More than 15 cm

122.

A gravid woman develops hypertension and proteinuria before 20<sup>th</sup> week in case of:

- (a) Hydatidiform mole
- (b) Thyroid disorders
- (c) SLE
- (d) Tuberculosis

123.

In case of single umbilical artery, there are increased chances of:

- (a) Prematurity only
- (b) Increased perinatal mortality only
- (c) Prematurity as well as increased perinatal mortality
- (d) Neither prematurity nor increased perinatal mortality

124.

The Dangerous Drugs Act, 1930 deals with:

- (a) Addiction-forming drugs
- (b) Poisonous drugs
- (c) Banned drugs for pregnant women
- (d) Pre-cancerous drugs

125.

Nikolsky's sign is tested for:

- (a) Erysipelas
- (b) Pemphigus vulgaris
- (c) Leprosy
- (d) Urticaria

126.

The term madarosis is related to:

- (a) Loss of brain tissues
- (b) Loss of eyebrows
- (c) Loss of nails
- (d) Loss of muscles of face

127.

Non-Stress Test is done to establish:

- (a) Fetal movements
- (b) Fetal heart beats
- (c) Fetal development
- (d) Genetic studies

128.

Which one of the following drugs is prepared from 'oil from seeds'?

- (a) *Euphrasia officinalis*
- (b) *Croton tiglium*
- (c) *Myrica*
- (d) *Capsicum annum*

129.

Sensation as if lower limbs are made up of wood is the characteristic of:

- (a) Calcarea phos
- (b) Thuja
- (c) Rhus tox
- (d) Arnica

130.

Which of the following are correct about selection of ideal biological warfare agent?

1. Readily grown and produced in large quantities
2. Easily dispersible
3. Resistant to treatment

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

131.

What is the most common complication of exposure to methyl isocyanate?

- (a) Corneal ulceration
- (b) Heart attack
- (c) Paralysis
- (d) Blue lines on the gums

132.

Which system of the body is mostly affected by chemical insecticides?

- (a) Circulatory system
- (b) Nervous system
- (c) Gastrointestinal system
- (d) Respiratory system

133.

One of the predisposing factors for heat stroke is:

- (a) Suitably dressed individuals
- (b) Hypertensive individuals
- (c) Hypothyroidism
- (d) Obesity

134.

Appearance of first segment of body of sternum occurs at:

- (a) 10 months of intrauterine life
- (b) 5 to 6 months of intrauterine life
- (c) 7 months of intrauterine life
- (d) 3 years of age

135.

The nerve involved in Meralgia paresthetica is:

- (a) Medial cutaneous nerve of thigh
- (b) Lateral cutaneous nerve of thigh
- (c) Peroneal nerve
- (d) Plantar nerve

136.

Fracture of lower third of nasal bone is described as:

- (a) Le Fort I fracture
- (b) Le Fort II fracture
- (c) Le Fort III fracture
- (d) Le Fort IV fracture

137.

Dysphagia, regurgitation of undigested food, retrosternal chest pain and occasional weight loss occurs due to degeneration of neuronal cell bodies in:

- (a) Myenteric nerve plexus
- (b) Mesenteric nerve plexus
- (c) Coeliac plexus
- (d) Hepatic plexus

138.

Which of the following are caused due to entrapment of ulnar nerve in Guyon's canal at the wrist joint?

1. Pain in the hand
2. Wasting of intrinsic muscles
3. Clawing posture

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

139.

Meniere's disease is characterised by which of the following?

1. Episodic hearing loss
2. Tinnitus
3. Vertigo

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3



140.

Battle's sign is described as:

- (a) Bruising over mastoid process
- (b) Bruising over sternum
- (c) Bruising over ankles
- (d) Bruising over nasal bones

141.

Transillumination test is negative in:

- (a) Hydrocele
- (b) Haematocele
- (c) Cystocele
- (d) Varicocele

142.

Murphy's triad is mainly:

- (a) Pain, vomiting and temperature
- (b) Pain, vomiting and constipation
- (c) Nausea, vomiting and constipation
- (d) Pain, vomiting and jaundice

143.

Keynote symptoms like erratic pains, alternating sides are seen in the drug:

- (a) Lac Can
- (b) Lachesis
- (c) Pulsatilla
- (d) Belladonna

144.

Which one of the following statements is correct in respect of peptic ulcer?

- (a) Heredity has no role in the development of peptic ulcer.
- (b) Female sex hormones in some way protect against disease.
- (c) Peptic ulcer never becomes malignant.
- (d) The most common presentation is an acute episode of pain, haematemesis or perforation.

145.

In acute pancreatitis, conversion of the trypsinogen into trypsin occurs in the:

- (a) Pancreas
- (b) Duodenal canal
- (c) Intestine
- (d) Stomach

146.

Sperm capacitance occurs in the:

- (a) Epididymis
- (b) Fallopian tube
- (c) Vagina
- (d) Uterus

147.

The first compensatory mechanism in high altitude sickness is:

- (a) Polycythemia
- (b) Hyperventilation
- (c) Alkaline urine
- (d) Tachycardia

148.

Aldosterone hormone is secreted by:

- (a) Zona glomerulosa
- (b) Zona fasciculata
- (c) Leydig cells
- (d) Macula densa cells

149.

Erythropoietin is produced by the:

- (a) Epithelial cells in glomeruli
- (b) Loop of Henle of the renal tubule
- (c) Pancreas
- (d) Juxtaglomerular cells

150.

Hormones which inhibit gluconeogenesis include:

- (a) Insulin
- (b) Cortisol
- (c) Glucagon
- (d) Growth hormones

**Answer Key:**

101	B	126	B
102	C	127	B
103	A	128	B
104	D	129	B
105	C	130	D
106	B	131	A
107	D	132	B
108	C	133	D
109	A	134	B
110	D	135	B
111	D	136	A
112	D	137	A
113	D	138	D
114	D	139	D
115	D	140	A
116	D	141	B
117	D	142	A
118	D	143	A
119	D	144	B
120	D	145	A
121	A	146	B
122	A	147	B
123	C	148	A
124	A	149	A
125	B	150	A