QB365 Question Bank Software Study Materials

Bio - Zoology - Chemical Coordination and Integration 50 Important 1 Marks Questions With Answers (Book Back and Creative)

11th Standard

Biology

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

1) The maintenance of constant internal environment is referred as _____.

(a) Regulation **(b) Homeostasis** (c) Co-ordination (d) Hormonal control

2) Which of the following are exclusive endocrine glands?

(a) Thymus and Testis (b) Adrenal and Ovary **(c) Parathyroid and Adrenal** (d) Pancreas and Parathyroid

3) Which of the following hormone is not secreted under the influence of pituitary gland?

(a) Thyroxine **(b) Insulin** (c) Oestrogen (d) Glucocorticoids

4) Spermatogenesis in mammalian testes is controlled by _____.

(a) Luteinising hormone (b) Follicle stimulating hormone (c) FSH and Prolactin (d) GH and Prolactin

5) Serum calcium level is regulated by _____.

(a) Thyroxine (b) FSH (c) Pancreas **(d) Thyroid and Parathyroid**

6) Iodised salt is essential to prevent _____.

(a) rickets (b) scurvy **(c) goitre** (d) acromegaly

7) Which of the following gland is related with immunity?

(a) Pineal gland (b) Adrenal gland **(c) Thymus** (d) Parathyroid gland

8) Which of the following statement about sex hormones is correct?

(a) Testosterone is produced by Leydig cells under the influence of luteinizing hormone.

(b) Progesterone is secreted by corpus luteum and softens pelvic ligaments during child birth.

(c) Oestrogen is secreted by both Sertoli cells and corpus luteum

(d) Progesterone produced by corpus luteum is biologically different from the one produced by placenta

9) Hypersecretion of GH in children leads to _____.

(a) Cretinism **(b) Gigantism** (c) Graves disease (d) Tetany

10) A pregnant female delivers a baby who suffers from stunted growth, mental retardation, low intelligence quotient and abnormal skin. This is the result of ____.

(a) Low secretion of growth hormone (b) Cancer of the thyroid gland (c) Over secretion of pars distalis

(d) Deficiency of iodine in diet

11) The structure which connects the hypothalamus with anterior lobe of pituitary gland is the _____.

(a) Dendrites of neurohypophysis (b) Axons of neurohypophysis (c) Bands of white fibers from cerebellar region

(d) Hypophyseal portal system

12) Which one of the following statement is correct

(a) Calcitonin and thymosin are thyroid hormones (b) Pepsin and prolactin are secreted in stomach

(c) Secretin and rhodopsin are polypeptide hormones **(d) Cortisol and aldosterone are steroid hormones**

13) Which of the given option shows all wrong statements for thyroid gland.

Statement

(i) It inhibits process of RBC formation

(ii) It helps in maintenance of water and electrolytes

(iii) Its more secretion can reduce blood pressure

(iv) It Stimulates osteoblast

(a) (i) and (ii) (b) (iii) and (iv) (c) (i) and (iv) **(d) (i) and (iii)**

14) The hormone _____is insignificant in mammals.

(a) TSH **(b) MSH** (c) CCK (d) ICSH

15) Prolactin or luteotropin refers to_____

(a) TSH (b) GH **(c) LTH** (d) LH

16) ADH refers to_____

(a) Insulin (b) Glucagon (c) Thymosin **(d) Vasopressin**

17) The name of this hormone means quick birth.

(a) Progesterone **(b) Oxytocin** (c) Testosterone (d) Melanin

18) The normal sleep-wake cycle of human body is regulated by_____

(a) Melatonin (b) Melanin (c) Thyroxine (d) Growth hormone

19) Cell mediated immunity is the function of _____

(a) Thymus gland (b) Pineal gland (c) Adrenal gland (d) Pituitary gland

20) **Assertion (A):** The half life Period of insulin in plasma is 6 minutes.
Reason (R): It is cleared from circulation within 10-15 minutes.

(a) A and R are wrong (b) A is right but R is wrong **(c) A is right and R explains A** (d) A is wrong R is right

21) The disease _____ is not related to malfunctioning of Thyroid gland

(a) Gull's disease (b) Grave's disease (c) Cretinism **(d) Tetany**

22) The normal blood glucose level in fasting is _____ .

(a) 110-140mg/dl (b) 120-130mg/dl **(c) 70-110mg/dl** (d) 80-130mg/dl

23) Frequent urination is linked to malfunctioning of the hormone _____

(a) ADH (b) TSH (c) FSH (d) LH

24) Which of the following harmone is not secreted under the influence of pituitary gland?

(a) Thyroxin **(b) Insulin** (c) Oestrogen (d) Glucocorticoids

25) What is the other name of neurohypophysis?

(a) pars distalis **(b) pars nervosa** (c) pars intermedia (d) pars tuberalis

26) The hormone _____ is insignificant in mammals.

(a) TSH **(b) MSH** (c) CCK (d) ICSH

27) _____is also known as interstitial cell stimulating hormone.

(a) LTH **(b) LH** (c) FSH (d) ACTH

28) Prolactin or luteotropin refers to_____

(a) TSH (b) GH **(c) LTH** (d) LH

29) ADH refers to_____

(a) Insulin (b) Glucagon (c) Thymosin **(d) Vasopressi**

30) The normal blood glucose level in fasting is_____

(a) 110-140mg/dl (b) 120-130mg/dl **(c) 70-110mg/dl** (d) 80-130mg/dl

31) The functioning of_____glands regulates serum calcium levels.

(a) Thyroid (b) Pituitary (c) Thymus **(d) Parathyroid**

32) The blood glucose levels increase by _____.

(a) Glucogon (b) Glucocorticoides (c) Insulin **(d) a & b**

33) The blood calcium levels increase by _____.

(a) Mineralocorti coids (b) Calcitonin (c) Parathormone **(d) a & b**

34) MCSH (melonocyte stimulating hormone) is secreted by _____.

(a) Hypophysis (b) Neurohypophysis (c) Adenohypophysis **(d) Intermediate lobe of hypophysis**

35) Insulin cannot decrease the blood sugar level by _____.

(a) Gluconeogenesis (b) Glycogenolysis (c) Oxidative process of glycolysis **(d) Lipogenesis**

36) Which of the following statements is incorrect?
Cornisol sol is _____.

(a) Glucocorticoid (b) Maintaing the cardiac vascular and kidney functions (c) Stimulating RBCs production

(d) Produces inflammatory reactions

37) Glucogon is _____.

(a) Monopetide hormone (b) Dipeptide hormone **(c) Polypeptide hormone** (d) fight flight hormone

38) Insulin resistance is brought by _____.

(a) Diabetes mellitus (b) Type I of diabetes **(c) Type II of diabetes** (d) Diabetes insipidus

39) What is not a primary male sexual character?

(a) Muscular growth (b) Masculine voice **(c) Spermatogenesis** (d) Appearance of beard and moustaches

40) Which of the following is formed from Rathke's pouch?

(a) Hypophysis **(b) Adenohypophysis** (c) Neurohypophysis (d) Intermediate of hypophysis

41) Which of the following is not a inhibitory hormone?

(a) GHIH (b) PIH (c) MSHI **(d) TRH**

42) Mostly hormones are made up of _____.

(a) Carbohydrates **(b) Proteins** (c) Fats (d) Inorganics

43) Metabolism of carbohydrates, proteins and fats is performed by _____.

(a) GH (b) TSH (c) ACTH (d) FSH and LH

44) Match the endocrine gland, given under column-I with their respective position in the body given under column-II choose the answer which gives the correct combination of alphabets of two columns:

	column-I (Endocrine glands)		**column-II (Position in body)**
a)	pituitary gland	p)	Above kidney

b)	Thyroid gland	q)	Inside pancreas
c)	Adrenal gland	r)	On larynx
d)	Islets of langerhans	s)	At the base of brain

(a) a - t; b - r; c - p; d - q (b) a - s; b - t; c - p; d - q (c) a - p; b - q; c - r; d - t (d) a - q; b - s; c - t; d - p

45) Insulin is a _____ hormone.

(a) hypoglycemic (b) hyperglycemic (c) hypocalcemic (d) hypercalcemic

46) Atrial natriuretic factor (ANF) _____ blood pressure

(a) decreases (b) increases (c) maintains (d) none of the above

47) Identify the hormone with its correct matching of source and function.

(a) Oxytocin - posterior pituitary, growth and maintenance of mammary glands

(b) Melatonin - pineal glands, regulates the normal rhythm of sleep-wake cycle.

(c) Progesterone- corpus luteum, stimulation of growth and activities of female secondary sex organs.

(d) Atrial natriuretic factor ventricular wall increases the blood pressure.

48) A chemical signal that has both endocrine and neural roles is

(a) Cortisol (b) Melatonin (c) Calcitonin **(d) Epinephrine**

49) Epinephrine is secreted by

(a) adrenal cortex (b) parathyroid gland **(c) adrenal medulla** (d) testis

50) Which one of the following pairs is incorrectly matched?

(a) Glucagon - Beta cells (b) Somatostatin - Delta cells (c) Corpus luteum - Relaxin (d) Insulin - Diabetes mellitus