

SNJB's Smt.Kanchanbai Babulalji Abad Homoeopathic Medical College
and Shri.R.P.Chordiya Hospital, Neminagar, Chandwad (Nashik) 423101.

14/20-21

Notice

Date:- 08/10/2021.

It is informed to following I BHMS students that, the mid course improvement test will be conducted on 13th October 2021 in class-room at 3.30 pm to 5.00 pm . Attendance is compulsory.

Roll no's of students :-

5,14,19,21,23,24,29,30,32,43,49,53,54,55,56,63,66,67,69,77,79,80,91,92,94,95,96,99.



HOD
Department of Physiology

SNJB's Smt.Kanchanbai Babulalji Abad Homoeopathic Medical College
and Shri.R.P.Chordiya Hospital, Neminagar, Chandwad (Nashik) 423101.

Physiology including Biochemistry

Mid course improvement test

Time :- 1.5 hrs.

Marks :- 50.

Q.1. Write short answer (Any 4)

04X05= 20

- a. Functions of WBC.
- b. Functions of R.E system.
- c. Diabetes mellitus.
- d. Properties of cardiac muscle.
- e. Functions of ADH.
- f. Balanced diet

Q.2. Long answer questions (Any 01)

01X 10= 10

- a. Describe uterine changes during menstrual cycle.
- b. Describe coagulation of Blood.

Q. 3. Long answer questions (Any 01)

01X 20= 20.

- a. Erythropoiesis in detail
- b. Describe hormones secreted by anterior pituitary gland, their functions and add a note on regulation of these hormones.

Roll No -	Name	Signature
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49	Crawzi Madkar	<u>Madkar</u>
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79	Tignesh sanklecha.	<u>Sanklecha.</u>
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43	Rishon Khuransen	<u>Rishon</u>
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67	Dhiraj Patil	<u>Patil</u>
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32	Jadhav Gaurabh	<u>Gaurabh</u>
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14	Rahul Bhumare	<u>Bhumare</u>
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95	shubhi nitin sonawane	<u>sonawane</u>
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34	Rutika Sanjay Sonawane	<u>Sonawane</u>
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30	Uma Ravi	<u>Ravi</u>
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96	Tadvi Mansi	<u>Mansi Tadvi</u>
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91	Sonawane Ajali	<u>Sonawane</u>
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92	Sonawane Gunjan	<u>Gunjan</u>
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23	Sajal Chaudhary	<u>Sajal</u>
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24	Sayali Yeole	<u>Yeole</u>
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25	Ansari Namra	<u>Namra</u>
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26	Momin Mohammed Mohsin	<u>Mohsin</u>
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27	Obaidullah Taleel Ahmed	<u>Ahmed</u>
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Department of Physiology
Result of Mid course improvement (~~27/01/2020~~) 13/10/2021

Marks:- 50

Roll. No.	Marks obtained	Remark	Roll. No.	Marks obtained	Remark	Roll. No.	Marks obtained	Remark
1	1		35	1		69	1	
2	1		36	1		70	1	
3	1		37	1		71	1	
4	1		38	1		72	1	
5	32		39	1		73	1	
6	1		40	1		74	1	
7	1		41	1		75	1	
8	1		42	1		76	1	
9	1		43	25		77	1	
10	1		44	1		78	1	
11	1		45	1		79	33	
12	1		46	1		80	1	
13	1		47	1		81	1	
14	28		48	1		82	1	
15	1		49	25		83	1	
16	1		50	1		84	1	
17	1		51	1		85	1	
18	1		52	1		86	1	
19	1		53	27		87	1	
20	1		54	1		88	1	
21	1		55	1		89	1	
22	1		56	29		90	1	
23	30		57	1		91	29	
24	1		58	1		92	30	
25	1		59	1		93	1	
26	1		60	1		94	29	
27	1		61	1		95	29	
28	1		62	1		96	31	
29	25		63	1		97	1	
30	26		64	30		98	1	
31	1		65	1		99	24	
32	32		66	31		100	1	
33	1		67	1				
34	1		68	1				

Absent Nos. 19, 21, 24, 34,
35, 63, 77, 80

H.O.D.
Dept. of Physiology



S.N.J.B.'s (JAIN GURUKUL)
SMT. KANCHANBAI BABULALJI ABAD HOMOEOPATHIC MEDICAL COLLEGE,
SHRI. R. P. CHORDIYA HOSPITAL & BHAMASHAH SHRI. V. D. MEHTA, DEVVIJAY
POST GRADUATE INSTITUTE OF HOMOEOPATHY & RESEARCH CENTRE
NEMINAGAR, AGRA ROAD, CHANDWAD 423 101 (DIST.: NASIK)

Name: Rutika Sanjay Sane	Roll No.: 94	Date: 13/10/21
Subject: Physiology	Section: A & B	Mark Obtained: 12/10/21 29/50
Exam: Mid course ^{Internal} Imp Class: 1 st year BHM	Sign. of Sub. Examiner:	
Sign. of Student	Sign. & Date of Supervisor	Seen: Sign. of Student

Q-1. Short notes -

1. Function of WBC

- Generally WBC, plays an important role in defense mechanism.
- These cells protect the body from entering of foreign bodies.
- They destroy them or inactivate them.
- Each type of WBC, act in different way.

1. Neutrophils -

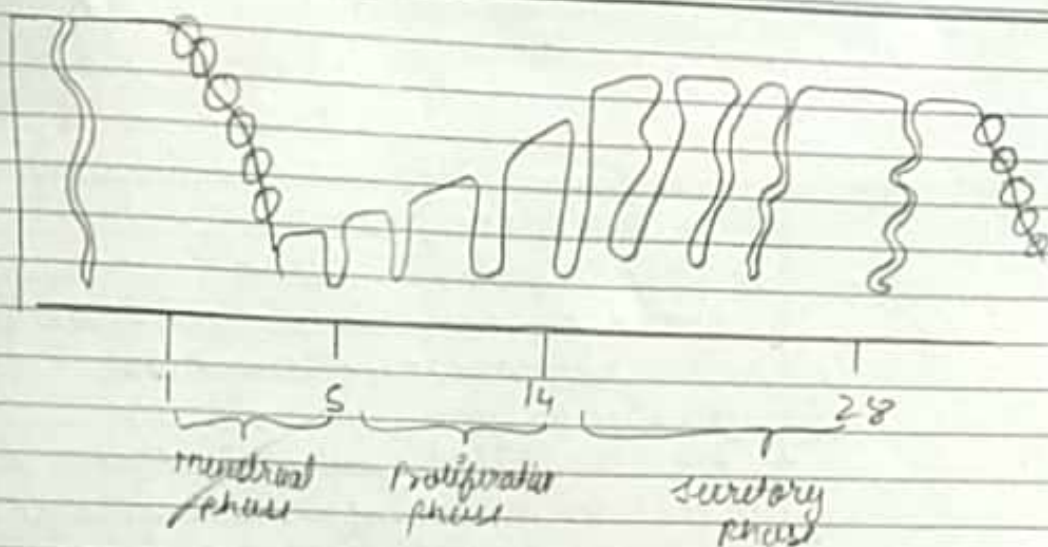
- Neutrophils play an important role in defense of the body.
- Along with monocytes, the neutrophils constitute the first line of defense against the entering microorganism.
- Neutrophils are released in large numbers from the blood at the time of infection by the foreign micro-organism.

2. Eosinophils -

- The eosinophils play an important role in defense of the body.
- These leukocytes are specially meant for acting against the parasites.
- The eosinophil count increases during parasitic infestation and allergic condition.

3. Basophils -

- The basophils play an important role in healing processes after inflammation and acute hypersensitivity reactions.
- The number of basophils is increased during healing process.



Q. 3. Long question - 20 marks.

1. Erythropoiesis -

• Definition -

Erythropoiesis is the process by which origin, development and maturation of erythrocytes occur.

Hemopoiesis is the process of origin, development and maturation of hematocytes.

• Introduction -

Erythropoiesis is the process of origin, development and maturation of erythrocytes occur.

Erythrocytes are the matured RBC that form in human being by the process of erythropoiesis.

In different age groups it forms in different parts of human body.

IN FETAL LIFE -

i) In first two months of pregnancy.

During the first two months of pregnancy the RBC are formed in mesenchyme cells in mesoderm.

ii) In next 3 months.

During the last 3 months of intrauterine life the RBC are produced in spleen and bone marrow.

iii) In last 3 months.

During the last 3 months of intrauterine life the RBC are produced in spleen and bone marrow.