



JAWAHAR MEDICAL FOUNDATION'S
A.C.P.M. MEDICAL COLLEGE & HOSPITAL

📍 Sakri Road, Dhule - 424001 (Maharashtra)
☎ Ph.No.: 02562 - 276317,18,19 Mob. 8686585839



n@gmail.com
gmail.com
imfacpm.com

IQAC initiatives for Reforms for Methods of the Assessment of Learning Outcomes for implementation 2022-23

*[Ref: Local Managing Committee resolution No.3 of meeting dated 8th April for
implementation for batch admitted in January 2023]*



Ref: ACPM/IQAC/2022-23

Date: 30.07.2023

Initiatives of IQAC planned in terms of Examination reforms

- **Digital assessment of Theory of University theory Examination :** Maharashtra University of Health Sciences Nashik, the affiliating university, has launched Digital assessment of Theory of University theory answer sheet and approved our examination unit as digital Centre Digital assessment centre (centre No: 1304). The centre has completed the digital evaluation of summer 2023 supplementary examination in Anatomy, Physiology and Biochemistry from 05/05 2023 to 15/05/2023 within in stipulated period.
- The DEC was established as per the guidelines in terms of staff, infrastructure with uninterrupted services required.
- in-house short term hands on training for assessors prior to commencement of digital evaluation by the Co-ordinator.
- The assessment hall was continuously monitored digitally the process of evaluation by assessment by Dean at institution level and by controller of examination at university level.
- Faculties were trained for online examination for theory mainly MCQ, assignments and short & brief questions assessment using ACPM learning Management system portal for internal assessment.
- MCQ based 5 minutes test after each T-L session implemented by some departments.
- Digital assessment of MCQ, SAQ and LAQ was conducted by some of the departments. The students got the correct response immediate after assessment. The grade report is generated by the LMS system with different analytics.
- The workshop for training for hands on for A group of faculty of each department was implemented to carry out digital continuous assessment and mid course improvement performance evaluation.



- IQAC developed skill monitoring and assessment using digital mode and sought suggestions from stakeholder before implementations and would be implemented w.e.f. academic 2023-24.

Assessment of skill learning by learner, peer to peer and monitoring and assessment by learner is one of the initiative measure Assignments, problem solving exercises and peer-to- peer assessment is in stage of development. Newer tools were structured by IQAC for transparent, quantitative, for theory and practical for continuous assessment has implemented after organizing workshops by Medical Education Unit



MICRO-Quiz on HIV-grades

Surname	First name	Email address	State	Started on	Completed	Time taken	Grade/20	Q. 1 /20
Tanpure	Pradumnya	pradumnya.tanpure2604@gmail.com	Finished	1 December 2022 4:24 PM	1 December 2022 4:54 PM	30 mins	20	20
Yadav	Yash	yadavyash412@gmail.com	Finished	1 December 2022 4:27 PM	1 December 2022 4:51 PM	24 mins	20	20
Bansode	Rutuja	rutujabansode1804@gmail.com	Finished	1 December 2022 4:27 PM	1 December 2022 4:45 PM	18 mins 19 secs	0	0
Kirpankar	Rutuja	rutu.kirpankar@gmail.com	Finished	1 December 2022 4:27 PM	1 December 2022 4:32 PM	4 mins 59 secs	20	20
Mohite	Omkar	mohiteomkar30@gmail.com	Finished	1 December 2022 4:28 PM	1 December 2022 4:31 PM	3 mins 35 secs	20	20
Tiwari	Nakul	nakultiwari0187@gmail.com	Finished	1 December 2022 4:52 PM	1 December 2022 4:53 PM	1 min 25 secs	20	20
KULKARNI	PARASHAR	parasharkulkarni53@gmail.com	Finished	1 December 2022 5:00 PM	1 December 2022 5:03 PM	3 mins 10 secs	20	20
Bhalerao	Dikshant	dikshantbhalerao9@gmail.com	Finished	1 December 2022 5:01 PM	1 December 2022 5:31 PM	30 mins	0	0
Ahile	Adarsh	ahileadarsh01@gmail.com	Finished	1 December 2022 5:18 PM	1 December 2022 5:23 PM	5 mins 27 secs	20	20
Ahile	Adarsh	ahileadarsh01@gmail.com	Finished	1 December 2022 5:25 PM	1 December 2022 5:25 PM	13 secs	20	20
Tembhurne	Vihang	Vihangtembhurne20@gmail.com	Finished	1 December 2022 5:33 PM	1 December 2022 5:42 PM	9 mins 43 secs	20	20
Tembhurne	Vihang	Vihangtembhurne20@gmail.com	Finished	1 December 2022 5:43 PM	1 December 2022 5:43 PM	10 secs	20	20
Overall average							17	17

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XYZ

Started on Saturday, 29 July 2023, 11:28 PM

State Finished

Completed on Sunday, 30 July 2023, 12:12 AM

Time taken 43 mins 56 secs

Grade Not yet graded

Question **1**

Complete

Marked out of 5.00

List effects of Vitamin B1 deficiency on Hypothalamus

Wernicke Korsakoff disease is caused which has following clinical manifestations:

Motor Ataxia

Atrexia

Amnesia

Loss of short term memory

Word count: 19, less than the required 50 words.

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	29/07/23, 23:30	Saved: Wernicke Korsakoff disease is caused which has following clinical manifestations: Motor Ataxia Atrexia Amnesia Loss of short term memory	Incomplete answer	
3	30/07/23, 00:12	Attempt finished	Complete	

Question 10

Not answered

Marked out of 2.00

Define [Circulatory Shock](#) and classify.

Answer:



The correct answer is: Pathophysiological syndrome characterized by tissue hypoxia

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	30/07/23, 00:12	Attempt finished	Not answered	

Question 11

Correct

Mark 1.00 out of 1.00

A 70-year-old patient is brought to the emergency department. He is stuporous and has signs that suggest a lesion in the brainstem. A CT scan of brain confirms this. His right pupil is constricted (small) when compared with the left. There is mild drooping of the right upper eyelid. Damage of the Hypothalamospinal fibers in the brainstem would most likely explain this observation.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	30/07/23, 00:05	Saved: True	Answer saved	
3	30/07/23, 00:12	Attempt finished	Correct	1.00

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	30/07/23, 00:02	Saved: B	Answer saved	
3	30/07/23, 00:12	Attempt finished	Correct	1.00

Question 8

Correct

Mark 1.00 out of 1.00

A 70-year-old patient is brought to the emergency department. He is stuporous and has signs that suggest a lesion in the brainstem. A CT scan of brain confirms this. His right pupil is constricted (small) when compared with the left. There is mild drooping of the right upper eyelid. Damage of the Hypothalamospinal fibers in the brainstem would most likely explain this observation.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Response history

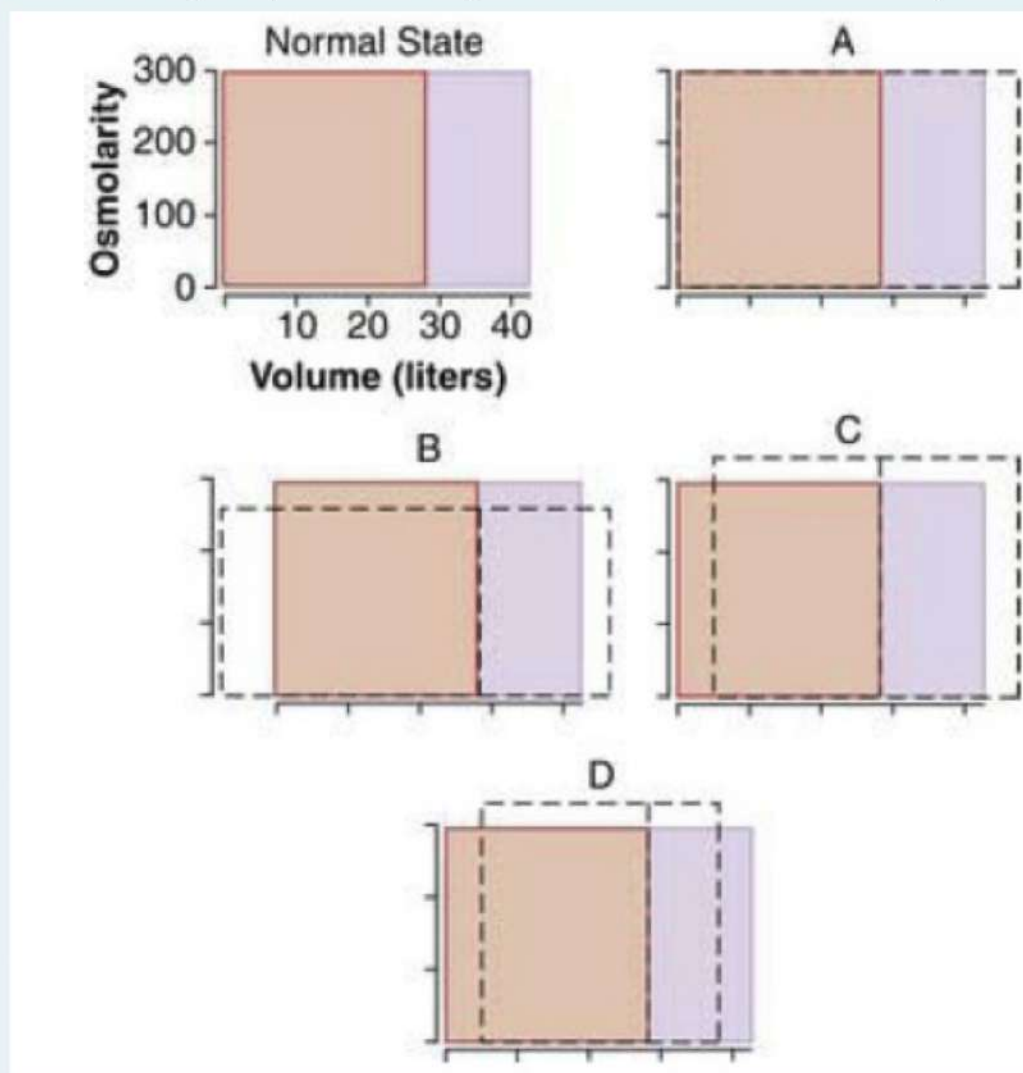
Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	30/07/23, 00:04	Saved: True	Answer saved	
3	30/07/23, 00:12	Attempt finished	Correct	1.00

Question 3

Correct

Mark 1.00 out of 1.00

Which of the diagram represents the changes in ECF and ICF fluid volume & osmolarity after infusion of 3% NaCl?



Select one:

- ☒ a. C
- ☐ b. D
- ☐ c. A
- ☐ d. B



Your answer is correct.

The correct answer is:

C

Response history

Question 12

Incorrect

Mark 0.00 out of 2.00

List the name of Nuclei of Lateral Hypothalamus

Answer: Hunger and Anger Centre, Thirst centre



The correct answer is: Huger Center,Pre-optic Nu, Center for Rage and Thirst Center

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	30/07/23, 00:11	Saved: Hunger and Anger Centre, Thirst centre	Answer saved	
3	30/07/23, 00:12	Attempt finished	Incorrect	0.00

[◀ Ex-Physio Experimental Software](#)

Jump to...

[E-Resources ▶](#)

Question 2

Correct

Mark 1.00 out of 1.00

A 23 year old male runs a 10 km race in July and loses 2 L of fluid by sweating. He also drinks 2 L of water during race. Which of the following changes would be expected in volume and Osmolarity of [body fluid](#) compartment?

ICF Volume	ICF Osmolarity	ECF Volume	ICF Osmolarity
A.Decrease	Increase	Decrease	Increase
B.Decrease	Decrease	Decrease	Decrease
C.Increase	Decrease	Decrease	Decrease
D.Decrease	Increase	Decrease	Decrease
E.Decrease	Increase	Increase	Increase
F.Decrease	Decrease	Increase	Increase
G.Increase	Increase	Decrease	Decrease

Select one:

- ☐ a. D
- ☒ b. C
- ☐ c. A
- ☐ d. E
- ☐ e. F



Your answer is correct.

The correct answer is:
C

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	29/07/23, 23:36	Saved: C	Answer saved	
3	30/07/23, 00:12	Attempt finished	Correct	1.00

Question 6

Correct

Mark 1.00 out of 1.00

An MRI reveals the presence of a tumor of third ventricle compressing the arcuate nuclei of hypothalamus. Which of the following is the patient most likely to present with?

Select one:

- ☒ a. Galactorrhea and amenorrhea
- ☐ b. Amnesia and confabulations
- ☐ c. Aphasia
- ☐ d. Central diabetes insipidus
- ☐ e. Disturbed circadian rhythm



Your answer is correct.

The correct answer is:
Galactorrhea and amenorrhea

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	30/07/23, 00:01	Saved: Galactorrhea and amenorrhea	Answer saved	
3	30/07/23, 00:12	Attempt finished	Correct	1.00

Question 5

Incorrect

Mark 0.00 out of 1.00

Action potential propagation is measured in four different points within cardiac muscle and following results were obtained.

Point 1=1.1 m/sec

Point 2=0.05 m/sec

Point 3=2.2 m/sec

Point 4=0.3 m/sec

•Which of the following list locations corresponds to order of point 1-2-3-4?

Select one:

- ☐ a. Av node-purkinje system-ventricular muscle-atrial muscle
- ☐ b. Atrial muscle-ventricular muscle-purkinje system-Av node
- ☐ c. Atrial muscle-AV node-purkinje system-ventricular muscle
- ☒ d. Purkinje system-AV node-ventricular muscle-atrial muscle
- ☐ e. Ventricular muscle-AV node-purkinje system-atrial muscle



Your answer is incorrect.

You need to refresh your knowledge or contact your teacher to understand the basic concept. Alternately you can make group and get in touch with teacher of choice to explain the concept.

The correct answer is:

Atrial muscle-AV node-purkinje system-ventricular muscle

Response history

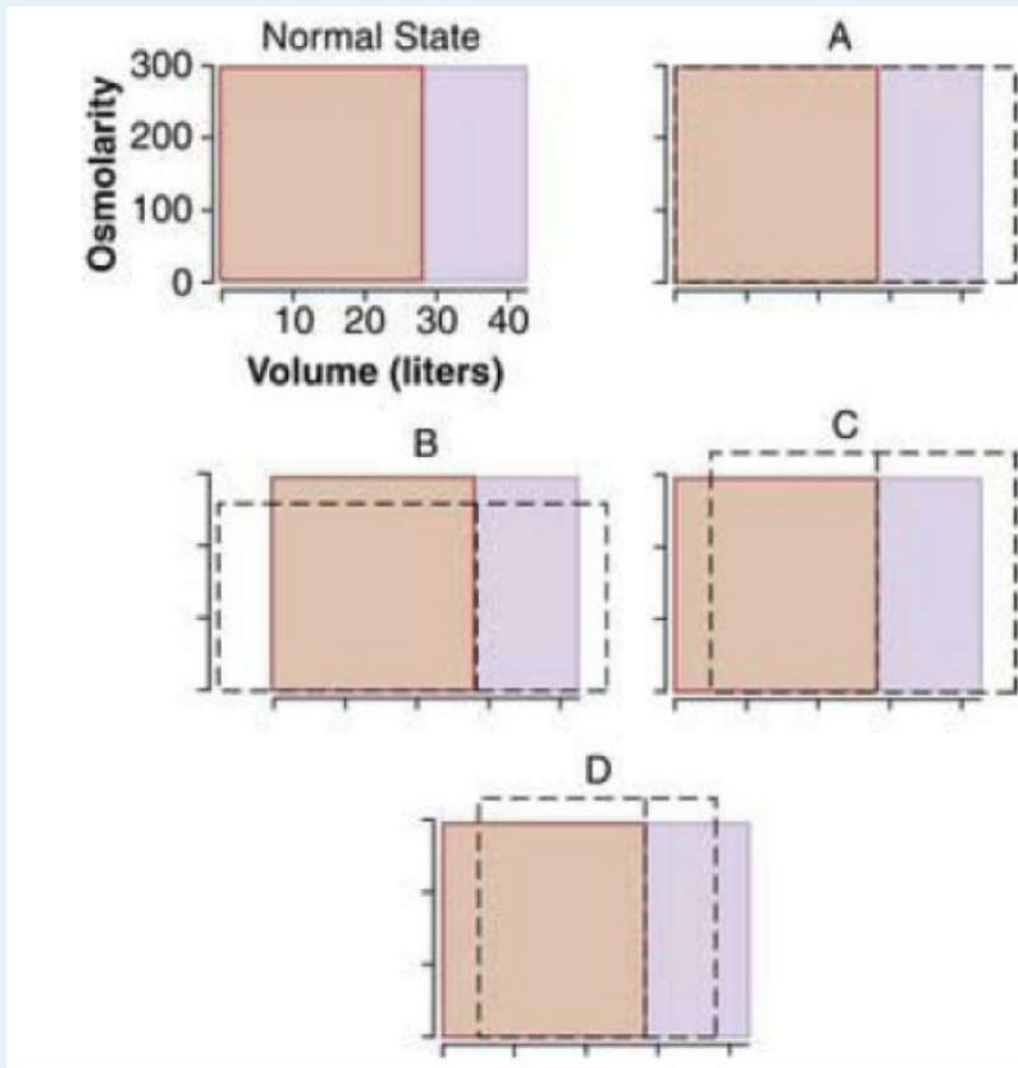
Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	29/07/23, 23:48	Saved: Purkinje system-AV node-ventricular muscle-atrial muscle	Answer saved	
3	30/07/23, 00:12	Attempt finished	Incorrect	0.00

Question 7

Correct

Mark 1.00 out of 1.00

Which of the diagram represents the changes in ECF and ICF fluid volume & osmolarity after infusion of 1% dextrose?



Select one:

- ☐ a. A
- ☐ b. D
- ☐ c. C
- ☒ d. B



Your answer is correct.

Need to enhance your knowledge or contact teacher of your choice for understanding the concept

The correct answer is:

B

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	29/07/23, 23:41	Saved: C	Answer saved	
3	30/07/23, 00:12	Attempt finished	Correct	1.00

Question **4**

Correct

Mark 1.00 out of 1.00

A 70-year-old retired military man complains frequent urinations during the night. He indicates he woke up more than 10 times last night and this really bothered his quality of sleep. A lesion at which one of the following is most likely to cause this problem:

Select one:

- ☐ a. Posterior hypothalamus
- ☐ b. Posterior hypothalamus
- ☐ c. Suprachiasmatic nucleus of hypothalamus
- ☐ d. Disturbed circadian rhythm
- ☒ e. Supraoptic and paraventricular nucleus of hypothalamus



Your answer is correct.

The correct answer is:

Supraoptic and paraventricular nucleus of hypothalamus

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	29/07/23, 23:43	Saved: Supraoptic and paraventricular nucleus of hypothalamus	Answer saved	
3	30/07/23, 00:12	Attempt finished	Correct	1.00

Question 9

Correct

Mark 1.00 out of 1.00

Which of the following solution when infused intravenously would result in increase in ECF Volume, decrease in ICF volume and an increase in total body water after osmotic equilibrium

Select one:

- ☐ a. 0.45% NaCl
- ☐ b. 5% Dextrose
- ☒ c. 3% NaCl
- ☐ d. 0.9% NaCl
- ☐ e. Pure Water



Your answer is correct.

The correct answer is:
3% NaCl

Response history

Step	Time	Action	State	Marks
1	29/07/23, 23:28	Started	Not yet answered	
2	30/07/23, 00:04	Saved: 3% NaCl	Answer saved	
3	30/07/23, 00:12	Attempt finished	Correct	1.00




Morane Pr. Laling, Maharashtra, India

VPXF+3FG, Morane Pr. Laling, Maharashtra 424002, India

Lat 20.897933°

Long 74.723601°

21/06/23 11:41 AM GMT +05:30

 **GPS Map Camera**



GPS Map Camera

Morane Pr. Laling, Maharashtra, India

VPXF+FFX, Morane Pr. Laling, Maharashtra 424002, India

Lat 20.898628°

Long 74.723648°

06/07/23 11:06 AM GMT +05:30

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