MY NEET
THE ONLY NATIONAL LEVEL MOCK EXAM

MY NEET 2020

Exam Name
MY NEET 2020

Marks
108 out of **720**

Date
25th July 2020

Candidate Name
XYZEE

Roll No
N000010

About
MY NEET

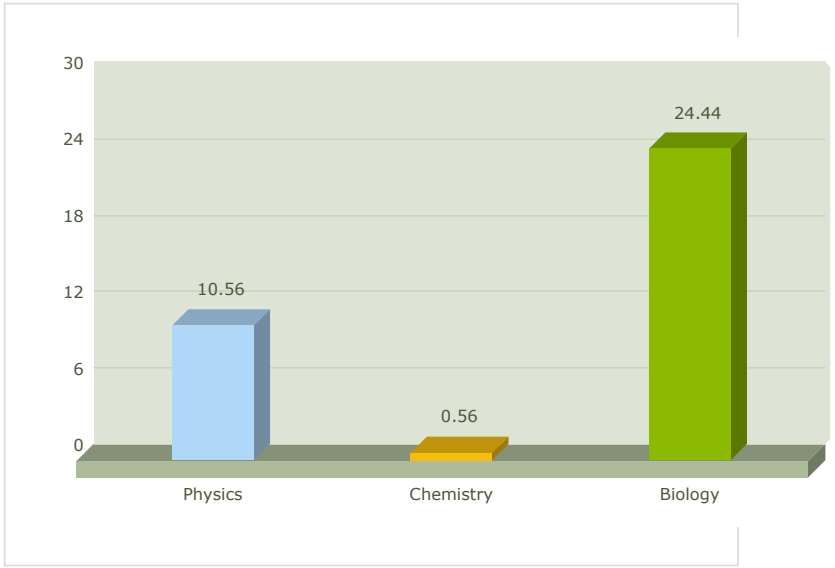
Congratulations! Your MY NEET Mock Test Analysis Report is ready. MYNEET mock test helps you achieve your targets as per below stated objectives;

- An insight into your conceptual understanding
- Suggestion of specific topics that you need to improve on
- Prepare you for the highly competitive NEET exam

This analysis report provides you a detailed view of your performance and equips you to crack the NEET exam. Analytics on various parameters gives you deeper understanding of your performance as an individual. Also the report helps you understand specific topics that you need to concentrate on and guides you to focus on them.
We recommend you make the best use of the analysis and wish you all the very best for NEET exam.

Overall Performance Analysis

Subject wise marks
Below graph gives the percentage of marks scored by you in each subject.



Graph 1: Your Subject Wise Marks

Impact of Incorrect Responses

This table depicts how your overall negative marks has affected your score. If not for the below incorrect responses, your score would have been **168.**

Subject	Number of Questions	Number of Questions Attempted	Number of Correct Responses	Number of Incorrect Responses	Total Marks Scored (A)	Negative Marks (B)	Actual Scored (A-B)
Physics	45	16	7	9	28	9	19
Chemistry	45	24	5	19	20	19	1
Biology	90	62	30	32	120	32	88
Total	180	102	42	60	168	60	108

Your Incorrect Responses Table

Time Management

Time Management is very critical in any competitive exam. This table provides an overview of how you managed the time against the optimum time recommended by experts.

Subject	Total Time Taken (min)	Optimum Time (min)
Physics	66.11	45.00
Chemistry	53.01	45.00
Biology	60.41	90.00
Total time spent on taking the test (min)	179.52	

Your Time Management

Response Change Pattern

The following table shows how many times you have changed your options during the practice test.

Subject	Correct to Incorrect	Incorrect to Correct	Incorrect to InCorrect	Correct to Unanswered	Incorrect to Unanswered
Physics	0	0	0	0	0
Chemistry	1	1	5	0	0
Biology	2	3	2	0	0
Overall	3	4	7	0	0

Your Response Change Pattern

Subject wise question analysis : Physics

This table examines your performance depending upon the topic and concept (s) on which the question is based. It thus highlights what you need to improvise for enhancing your concepts. It helps in time management across Physics and maps it to Optimum Time Utilization.

Question Wise Analysis : Physics
Deviation = Actual Time taken - Optimum Time

Q no.	Attempted %	Correct %	Incorrect %	Difficulty Level	Topic	Sub Topic	Correct Answer	Your Response	Score	Deviation (in mins)
1	71.99	32.28	67.72	Moderate	Optics	Convex Lens	B	D	-1.00	7.02
2	49.59	39.75	60.25	Moderate	Properties Of Bulk Matter	Modulus of Elasticity	D	A	-1.00	2.60
3	32.99	60.38	39.62	Moderate	Magnetic Effect Of Current	Magnetic Effect of Current	B	Unanswered	0.00	-0.61
4	50.83	66.94	33.06	Moderate	Dual Nature Of Matter And Waves	Particle Nature of Radiation	A	Unanswered	0.00	-0.67
5	17.63	40.00	60.00	High	Gravitation	acceleration due to Gravity	A	Unanswered	0.00	-2.46
6	60.79	22.53	77.47	Moderate	Laws Of Motion	Inclined plane	B	C	-1.00	0.95
7	69.71	50.30	49.70	Moderate	Current Electricity	Electric Power	C	C	4.00	3.06
8	61.62	78.79	21.21	Low	Kinematics	Motion in one dimension	B	B	4.00	0.87
9	57.47	75.81	24.19	Low	Electromagnetic Induction And Ac Circuits	Self Induction	D	Unanswered	0.00	-0.44
10	68.46	38.18	61.82	Moderate	Electro Statics	Electric Field	C	Unanswered	0.00	-0.64
11	70.33	47.79	52.21	Moderate	Optics	Power of Lences	B	Unanswered	0.00	-0.61
12	45.64	45.45	54.55	Moderate	Oscillations And Waves	SHM	B	Unanswered	0.00	-0.57
13	21.37	53.40	46.60	Moderate	Motion Of System Of Particles	Moment of Inertia	D	Unanswered	0.00	4.92
14	54.98	41.51	58.49	Low	Laws Of Motion	Elastic collision	B	Unanswered	0.00	1.09
15	70.75	31.38	68.62	High	Magnetic Effect Of Current	Motion of charged particles	A	Unanswered	0.00	-3.49
16	69.09	58.56	41.44	Moderate	Current Electricity	Wheatstone s Bridge	D	C	-1.00	3.37
17	43.36	49.28	50.72	Low	Electromagnetic Waves	Electromagnetic Waves	A	Unanswered	0.00	-0.19
18	75.73	32.05	67.95	Moderate	Kinematics	Vectors	B	C	-1.00	0.21
19	52.07	59.36	40.64	Low	Laws Of Motion	Friction	D	D	4.00	1.51
20	47.72	80.87	19.13	Low	Properties Of Bulk Matter	Conduction	B	B	4.00	0.04
21	47.30	47.81	52.19	Moderate	Electronic Devices	Photo Diode	A	Unanswered	0.00	-0.41

Concept wise Strengths and Areas of Improvement : Physics

This table will help you to identify your strong topics as well as sub topics that would require improvement.

Strength % = (Number of Questions answered correctly / Total Number of Questions) * 100

Topic	Sub Topic	Number of Questions	Number of Questions Attempted	Number of Correct Responses	Number of Incorrect Responses	Marks Scored	Strength %
Atoms And Nuclei	Structure of Atom	1	1	1	0	4.00	100.00
Overall for Topic		**1**	**1**	**1**	**0**	**4.00**	**100.00**
Behaviour Of A Perfect Gas	Kinetic theory of gases	1	0	0	0	0.00	00.00
Overall for Topic		**1**	**0**	**0**	**0**	**0.00**	**0.00**
Collisions	Collisions	1	0	0	0	0.00	00.00
Overall for Topic		**1**	**0**	**0**	**0**	**0.00**	**0.00**
Current Electricity	Wheatstone s Bridge	1	1	0	1	-1.00	00.00
Current Electricity	Electric Power	1	1	1	0	4.00	100.00
Current Electricity	EMF of Cells	1	0	0	0	0.00	00.00
Overall for Topic		**3**	**2**	**1**	**1**	**3.00**	**33.33**
Dual Nature Of Matter And Waves	Particle Nature of Radiation	2	0	0	0	0.00	00.00
Overall for Topic		**2**	**0**	**0**	**0**	**0.00**	**0.00**
Electro Statics	Electric Field	1	0	0	0	0.00	00.00
Electro Statics	Electric potential	1	0	0	0	0.00	00.00
Electro Statics	Capacitors	1	0	0	0	0.00	00.00
Overall for Topic		**3**	**0**	**0**	**0**	**0.00**	**0.00**
Electromagnetic Induction And Ac Circuits	Self Induction	1	0	0	0	0.00	00.00
Electromagnetic Induction And Ac Circuits	Electromagnetic Induction	1	0	0	0	0.00	00.00
Overall for Topic		**2**	**0**	**0**	**0**	**0.00**	**0.00**
Electromagnetic Waves	Electromagnetic Waves	1	0	0	0	0.00	00.00
Overall for Topic		**1**	**0**	**0**	**0**	**0.00**	**0.00**
Electronic Devices	Photo Diode	1	0	0	0	0.00	00.00
Electronic Devices	Semiconductor Diodes	1	0	0	0	0.00	00.00

Correct Answered and Unattempted questions : Physics

This section provides the explanation for the questions you have answered correctly or unattempted.

Question number - 3

A circular current carrying coil has a radius R. The distance from the center of the coil on the axis where the magnetic induction will be 1/27 th of its value at the center of the coil is

Option Values:

✗1. $\sqrt{2}\,R$

✓2. $2\sqrt{2}R$

✗3. $\frac{R}{\sqrt{2}}$

✗4. $\frac{2R}{\sqrt{2}}$

Correct Option: $2\sqrt{2}R$

Your Response: You have not attempted this question

Solution:

$$Bx = \frac{\mu 0}{4\pi}\left[\frac{(2\pi i R^2)}{(R^2+x^2)^{3/2}}\right] \qquad Bo = \frac{\mu 0}{4\pi}\ \frac{2\pi i}{R}$$

Given $B_x = \frac{1}{27}\ B_o$

$$27R^3 = (R^2+x^2)^{3/2} \quad or\ 3R = (R^2+x^2)^{1/2}$$

$$9R^2 = R^2 + x^2 \quad 8R^2 = x^2 \quad x = 2\sqrt{2}R$$

Error Analysis : Physics

This section identifies each error you have committed and corrects your mistake. It provides suggestions on how to overcome them in future.

Question number - 1

Question Text:

A convex lens of focal length 20 cm produces a real image 2 times the size of an object, then the distance of the image from the lens is

Option Values:

✗1. 20 cm
✓2. 60 cm
✗3. 30 cm
✗4. 10 cm

Correct Option:

60 cm

Your Response:

10 cm

Solution:

For a convex lens $\frac{1}{v}-\frac{1}{u}=\frac{1}{f}$ for a real image $\frac{v}{u}=m=-ve=-z$

$uf-vf=uv \quad or\ f(u-v)=uv$

$v=f\left(1-\frac{v}{u}\right)=f(1-m)$ for a real image

m is negative

$\therefore v=f(1+m)$

$20cm\ (1+2)=60cm$

Disclaimer

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