

SAINIK SCHOOL SAMBALPUR (ODISHA)

PHASE II SHORTLISTED CANDIDATES FOR THE POST OF PGT (PHYSICS) (UR) ON REGULAR BASIS

1. Reference is made to written exam for the post of PGT (Physics) held on 12 July 2025. The following candidates shortlisted for the phase II for the post of PGT (Physics). Class demonstration and interview are scheduled to be held on 14 & 15 July 2025.

<u>S. No.</u>	<u>Hall Ticket No.</u>	<u>Name</u>	<u>Father's Name</u>	<u>Date of Birth</u>	<u>Category</u>
1	P001	RAHUL PRADHAN	SUBHASH CHANDRA PRADHAN	15-09-1999	GEN
2	P006	CHINMAYA SAHOO	NARENDRA KUMAR SAHOO	28-12-1998	GEN
3	P008	SATYAJIT TUNG	AVOY TUNG	04-02-1993	GEN
4	P011	AVISEK CHAKRABORTTY	ASISH CHAKRABORTTY	03-10-1991	GEN
5	P019	BISWARANJAN SAHU	MAHESWAR SAHU	18-03-2000	OBC
6	P027	ANANYA KUMAR KUNDU	ASHOK KUMAR KUNDU	05-03-1995	GEN
7	P034	TAPAS RANJAN BARIK	DHALENDRA BARIK	03-02-1995	OBC
8	P035	SURAJ KUMAR VERMA	KISHOR KUMAR	20-03-2000	GEN
9	P037	SMITANJALI MAHATO	RAMESH CHANDRA MAHATO	15-12-1998	OBC
10	P045	SUBID BUDHIA	BHISHMA BUDHIA	28-08-1997	OBC
11	P058	DARSHAN YADAV	JYOTI RNAJAN DAS	01-06-1995	OBC
12	P063	SAPAN KUMAR BEHERA	GADADHAR BEHERA	14-05-1987	OBC
13	P070	NANDITA KAR	ACHUTANANDA KAR	28-06-1997	GEN
14	P076	SUBHAM SEKHARA PATTANAIK	SURESH KUMAR PATTNAIK	05-07-1995	GENERAL
15	P096	SOUMYA RANJAN PANDA	JAGATRAM PANDA	27-02-1996	GEN
16	P097	AMRIT GHOSH	KARTICK CHANDRA GHOSH	02-05-1991	GEN
17	P098	SONAM SAR	MANORANJAN SAR	30-06-1994	GEN
18	P101	UTTAM PRADHAN	PARESH PRADHAN	20-05-1998	OBC
19	P104	CHANDRA SEKHAR PARIDA	RAMESH CHANDRA PARIDA	05-07-1999	GEN
20	P107	KOUSHIK GHOSH	JAGABANDHU GHOSH	08-12-1991	OBC
21	P109	ASHA RANI CHOUDHURY	BIJAYA KUMAR CHOUDHURY	22-03-1993	GEN
22	P115	DIBYADIPTIMAYA BEHERA	ALEKHA CH BEHERA	07-06-1997	OBC
23	P125	AKSHAYA SAHOO	MADHABANANDA SAHOO	04-06-1995	OBC
24	P128	DEBADATTA BEHERA	DURLABHA CHARAN BEHERA	11-11-1997	OBC

25	P129	RAJENDRA KUMAR	KAMLESH CHAUDHARY	15-02-1991	GEN
26	P132	SAMIR KUMAR MEHER	MADHUSUDAN MEHER	23-07-1995	OBC
27	P149	ROHIT MALLICK	PRAKASH MALLICK	07-01-1996	GEN

- Candidates are advised to carry clipboard and necessary writing materials including books/reference books for class demonstration and lesson plans as per the topics given in the hall tickets. School will not provide any material for the examination.
- All the shortlisted candidates are informed to report to school along with original essential documents on 14 July 2025 at 0800 hrs for further formalities.

Note: -

The following queries raised by the candidates have been rechecked by the subject expert and marks calculated and revised accordingly.

- Question No. 51

51. Find the eigen value of an operator $\hat{Q} = i \frac{d^2}{dt^2}$ for the wave function (eigen state)

$$\psi = \frac{1}{\sqrt{2}} e^{i\omega t}$$

(A) $\frac{\omega^2}{\sqrt{2}}$ (B) $\frac{i\omega^2}{\sqrt{2}}$
 (C) $i\omega^2$ (D) $-i\omega^2$

Answer: B (most appropriate)

- Question No 59

59. In an atom of ${}_{92}\text{U}^{238}$, the number of neutrons is

(A) 92 (B) 238
 (C) 330 (D) 166

Answer: All the above options are in correct (Grace marks awarded to all the candidates)

3. Question No. 94

94. The operator form of $(\hat{x} + \hat{P}_x)^2$, for \hat{x} and \hat{P}_x are the x-component of position and momentum operator, is expressed as :

- (A) $x^2 - \hbar^2 \frac{\partial^2}{\partial x^2} - i\hbar \left(2x \frac{\partial}{\partial x} + 1 \right)$
- (B) $x^2 + \hbar^2 \frac{\partial^2}{\partial x^2} + i\hbar \left(2x \frac{\partial}{\partial x} + 1 \right)$
- (C) $x^2 - \hbar^2 \frac{\partial^2}{\partial x^2} - i\hbar \left(2x \frac{\partial}{\partial x} + 1 \right)$
- (D) $-x^2 + \hbar^2 \frac{\partial^2}{\partial x^2} - i\hbar \left(2x \frac{\partial}{\partial x} + 1 \right)$

Answer: A & C

4. There is no change in the answers of the following questions.

- (a) Question No. 13
- (b) Question No. 44
- (c) Question No. 96

SSSBP/1006/MO/RECT/2025

Place/Date: Sambalpur 12 July 2025



Sd/-
Principal, Sainik School Sambalpur