



OXFORD UNIVERSITY

PHYSICS APTITUDE TEST

November 2020

Time Allowed: 2 hours

Question Paper and Answer Booklet

| | |
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| Surname | |
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| | |
|-------------|--|
| Other names | |
|-------------|--|

| | |
|----------------------|--|
| School/College name* | |
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*If you are an individual candidate, taking this test away from a school or college, please write the name of your examination centre in this box.

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| Centre Number | | | | | | Candidate Number | P | | | | | | |
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|------------------------|--|--|--|---|--|--|--|---|--|--|--|--|
| UCAS Number (if known) | | | | - | | | | - | | | | |
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| Date of Birth | | | | | | | | | | | | |
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| Oxford College of Preference | |
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Total 26 questions [100 Marks]

Answers should be written on the question sheet in the spaces provided and you are encouraged to show your working.

You should attempt as many questions as you can. Please use black pen, or soft pencil for diagrams or sketches.

Answers should be given exactly and in simplest terms unless indicated otherwise.

Indicate multiple-choice answers by circling the best answer.

Partial credit may be given for correct workings in multiple choice questions.

The numbers in the margin indicate the marks expected to be assigned to each question. You are advised to divide your time according to the marks available.

Only calculators meeting the specifications for PAT are allowed.

No tables or formula sheets may be used.

Please tick the box to show which course you have applied for:

| | | |
|--|---|---|
| Physics or Physics and Philosophy <input type="checkbox"/> | Engineering <input type="checkbox"/> | Materials <input type="checkbox"/> |
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For Oxford use only

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | M-total | P-Total | | | | | |
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| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | M-total | P-Total | | | | | |
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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Maths Total</td> <td style="width: 50%; background-color: #cccccc;"></td> </tr> <tr> <td style="padding: 5px;">Physics Total</td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td colspan="2" style="padding: 5px;">Comments</td> </tr> </table> | | | | | | | | | | | | | | Maths Total | | Physics Total | | Comments | |
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| | | | | | | | | | | | | | | Physics Total | | | | | |
| Comments | | | | | | | | | | | | | | | | | | | |
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