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| SỞ GIÁO DỤC & ĐÀO TẠO BẮC GIANG**TRƯỜNG THPT HIỆP HÒA SỐ 1** | **ĐỀ KIỂM TRA CUỐI HỌC KỲ I****Tên môn: Vật lí 10***Thời gian làm bài: 45 phút;*  |

**HƯỚNG DẪN CHẤM**

1. **TRẮC NGHIỆM**

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| **mã đề**  | **Câu** | **Đáp án** | **mã đề**  | **Câu** | **Đáp án** | **mã đề**  | **Câu** | **Đáp án** | **mã đề**  | **Câu** | **Đáp án** | **mã đề**  | **Câu** | **Đáp án** | **mã đề**  | **Câu** | **Đáp án** | **mã đề**  | **Câu** | **Đáp án** | **mã đề**  | **Câu** | **Đáp án** |
| **122** | **1** | **A** | ***124*** | ***1*** | ***A*** | **126** | **1** | **B** | ***128*** | ***1*** | ***A*** | **121** | **1** | **A** | ***123*** | ***1*** | ***C*** | **125** | **1** | **B** | ***127*** | ***1*** | ***B*** |
| **122** | **2** | **B** | ***124*** | ***2*** | ***A*** | **126** | **2** | **D** | ***128*** | ***2*** | ***C*** | **121** | **2** | **B** | ***123*** | ***2*** | ***D*** | **125** | **2** | **C** | ***127*** | ***2*** | ***A*** |
| **122** | **3** | **B** | ***124*** | ***3*** | ***D*** | **126** | **3** | **C** | ***128*** | ***3*** | ***D*** | **121** | **3** | **D** | ***123*** | ***3*** | ***C*** | **125** | **3** | **B** | ***127*** | ***3*** | ***D*** |
| **122** | **4** | **C** | ***124*** | ***4*** | ***D*** | **126** | **4** | **D** | ***128*** | ***4*** | ***D*** | **121** | **4** | **D** | ***123*** | ***4*** | ***A*** | **125** | **4** | **D** | ***127*** | ***4*** | ***C*** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **122** | **5** | **A** | ***124*** | ***5*** | ***C*** | **126** | **5** | **A** | ***128*** | ***5*** | ***C*** | **121** | **5** | **B** | ***123*** | ***5*** | ***A*** | **125** | **5** | **D** | ***127*** | ***5*** | ***D*** |
| **122** | **6** | **B** | ***124*** | ***6*** | ***B*** | **126** | **6** | **C** | ***128*** | ***6*** | ***C*** | **121** | **6** | **D** | ***123*** | ***6*** | ***B*** | **125** | **6** | **C** | ***127*** | ***6*** | ***A-B*** |
| **122** | **7** | **C** | ***124*** | ***7*** | ***A*** | **126** | **7** | **C** | ***128*** | ***7*** | ***D*** | **121** | **7** | **D** | ***123*** | ***7*** | ***C*** | **125** | **7** | **D** | ***127*** | ***7*** | ***C*** |
| **122** | **8** | **A** | ***124*** | ***8*** | ***C*** | **126** | **8** | **D** | ***128*** | ***8*** | ***C*** | **121** | **8** | **C** | ***123*** | ***8*** | ***D*** | **125** | **8** | **C** | ***127*** | ***8*** | ***A*** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **122** | **9** | **B** | ***124*** | ***9*** | ***A*** | **126** | **9** | **C** | ***128*** | ***9*** | ***B*** | **121** | **9** | **C** | ***123*** | ***9*** | ***D*** | **125** | **9** | **A** | ***127*** | ***9*** | ***A*** |
| **122** | **10** | **C** | ***124*** | ***10*** | ***B*** | **126** | **10** | **A** | ***128*** | ***10*** | ***B*** | **121** | **10** | **A-B** | ***123*** | ***10*** | ***A*** | **125** | **10** | **A** | ***127*** | ***10*** | ***C*** |
| **122** | **11** | **D** | ***124*** | ***11*** | ***C*** | **126** | **11** | **D** | ***128*** | ***11*** | ***B*** | **121** | **11** | **B** | ***123*** | ***11*** | ***D*** | **125** | **11** | **D** | ***127*** | ***11*** | ***D*** |
| **122** | **12** | **B** | ***124*** | ***12*** | ***C*** | **126** | **12** | **B** | ***128*** | ***12*** | ***A*** | **121** | **12** | **C** | ***123*** | ***12*** | ***A*** | **125** | **12** | **A** | ***127*** | ***12*** | ***D*** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **122** | **13** | **D** | ***124*** | ***13*** | ***B*** | **126** | **13** | **B** | ***128*** | ***13*** | ***D*** | **121** | **13** | **A** | ***123*** | ***13*** | ***B*** | **125** | **13** | **B** | ***127*** | ***13*** | ***B*** |
| **122** | **14** | **D** | ***124*** | ***14*** | ***B*** | **126** | **14** | **D** | ***128*** | ***14*** | ***B*** | **121** | **14** | **B** | ***123*** | ***14*** | ***B*** | **125** | **14** | **A** | ***127*** | ***14*** | ***B*** |
| **122** | **15** | **D** | ***124*** | ***15*** | ***D*** | **126** | **15** | **B** | ***128*** | ***15*** | ***A*** | **121** | **15** | **D** | ***123*** | ***15*** | ***B*** | **125** | **15** | **C** | ***127*** | ***15*** | ***A*** |
| **122** | **16** | **C** | ***124*** | ***16*** | ***B*** | **126** | **16** | **A** | ***128*** | ***16*** | ***C*** | **121** | **16** | **B** | ***123*** | ***16*** | ***C*** | **125** | **16** | **C** | ***127*** | ***16*** | ***B*** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **122** | **17** | **C** | ***124*** | ***17*** | ***A*** | **126** | **17** | **C** | ***128*** | ***17*** | ***A*** | **121** | **17** | **C** | ***123*** | ***17*** | ***C*** | **125** | **17** | **B** | ***127*** | ***17*** | ***D*** |
| **122** | **18** | **A** | ***124*** | ***18*** | ***D*** | **126** | **18** | **A** | ***128*** | ***18*** | ***B*** | **121** | **18** | **A** | ***123*** | ***18*** | ***B*** | **125** | **18** | **A-B** | ***127*** | ***18*** | ***B*** |
| **122** | **19** | **D** | ***124*** | ***19*** | ***C*** | **126** | **19** | **B** | ***128*** | ***19*** | ***A*** | **121** | **19** | **A** | ***123*** | ***19*** | ***A-B*** | **125** | **19** | **B** | ***127*** | ***19*** | ***C*** |
| **122** | **20** | **A** | ***124*** | ***20*** | ***D*** | **126** | **20** | **A** | ***128*** | ***20*** | ***D*** | **121** | **20** | **C** | ***123*** | ***20*** | ***D*** | **125** | **20** | **D** | ***127*** | ***20*** | ***C*** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1. **TỰ LUẬN**

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| **Đề lẻ**

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| **Bài 1:** **2 điểm** | **Nội dung** | **Điểm** |
| **a. 1,5 điểm** | $$t=\sqrt{\frac{2h}{g}}$$Thay số đúng t=2s | 0,50,25 |
|  |  hoặc v = g.t | 0,5 |
|  | Thay số đúng v= 20m/s | 0,25 |
| **b. 0,5 đ** | h1s= 5 m | 0,25 |
|  | h- h1s = 15 m | 0,25 |
|  |  |  |
| **Bài 2 :** **3 điểm** |  |  |
| **a. 1,5 điểm** |  Biểu diễn đúng, đủ các lực | 0,5 |
|  | Viết đúng định luật II Newton dạng véc tơ | 0,25 |
|  | Chiếu ra phương trình đại số | 0,5 |
|  | Thay số đúng a=1m/s2 | 0,25 |
| **b. 0,5 điểm** | S=V0.t+a.t2/2=…=200m | 0,25 |
|  | V=V­0+ **a.t= 20m/s** | 0,25 |
|  |  |  |
| **c. 1 điểm** | Viết đúng định luật II Newton | 0,25 |
|  | Tính đúng gia tốca=-0,3m/s2 | 0,5 |
|  | V12- V2=2 a1.S1 (V1=0)Tính đúng S1=2000/3 (m) | 0,25 |

 |  | **Đề chẵn**

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| --- | --- | --- |
| **Bài 1:** **2 điểm** | **Nội dung** | **Điểm** |
| **a. 1,5 điểm** | $$t=\sqrt{\frac{2h}{g}}$$Thay số đúng t=3s | 0,50,25 |
|  |  hoặc v = g.t | 0,5 |
|  | Thay số đúng v= 30m/s | 0,25 |
| **b. 0,5 đ** | h2s= g. t2/2=20m | 0,25 |
|  | h- h2s = 25 m | 0,25 |
|  |  |  |
| **Bài 2 :** **3 điểm** |  |  |
| **a. 1,5 điểm** |  Biểu diễn đúng, đủ các lực | 0,5 |
|  | Viết đúng định luật II Newton dạng véc tơ | 0,25 |
|  | Chiếu ra phương trình đại số | 0,5 |
|  | Thay số đúng a=1m/s2 | 0,25 |
| **b. 0,5 điểm** | S=V0.t+a.t2/2=…=50m | 0,25 |
|  | V=V­0+ **a.t= 10m/s** | 0,25 |
|  |  |  |
| **c. 1 điểm** | Viết đúng định luật II Newton | 0,25 |
|  | Tính đúng gia tốca=-0,2m/s2 | 0,5 |
|  | V12- V2=2 a1.S1 (V1=0)Tính đúng S1=250 (m) | 0,25 |

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 Thiếu hoặc sai 1 đơn vị trừ 0,25 đ, một bài trừ tối đa 0,5 đ.