**Tugas**

1. Hitunglah besarnya tingkat kesukaran dan daya pembeda butir soal pada data yang tersedia berikut ini. Tentukan pula butir-butir soal yang baik, kurang baik, dan yang perlu direvisi.

 Tabulasi Jawaban dari Kelompok Atas

|  |  |  |
| --- | --- | --- |
| **No** | **NAMA****siswa**  | **Nomor Butir Instrumen** |
| **01** | **02** | **03** | **04** | **05** | **06** | **07** | **08** | **09** | **10** |
| **1** | **A** | **1** | **1** | **1** | **1** | **0** | **1** | **0** | **0** | **1** | **1** |
| **2** | **B** | **1** | **0** | **1** | **1** | **1** | **1** | **1** | **0** | **1** | **1** |
| **3** | **C** | **1** | **1** | **0** | **0** | **1** | **1** | **1** | **1** | **1** | **0** |
| **4** | **D** | **1** | **0** | **0** | **1** | **1** | **1** | **1** | **1** | **1** | **0** |
| **5** | **E** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| **6** | **F** | **1** | **0** | **1** | **1** | **1** | **0** | **1** | **1** | **1** | **1** |
| **7** | **G** | **1** | **1** | **1** | **1** | **1** | **0** | **1** | **1** | **0** | **0** |
| **8** | **H** | **0** | **1** | **1** | **0** | **0** | **1** | **1** | **0** | **1** | **0** |

Tabulasi Jawaban dari Kelompok Bawah

|  |  |  |
| --- | --- | --- |
| **No** | **Nama****siswa**  | **Nomor Butir Instrumen** |
| **01** | **02** | **03** | **04** | **05** | **06** | **07** | **08** | **09** | **10** |
| **1** | **K** | **0** | **1** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **1** |
| **2** | **L** | **0** | **0** | **1** | **1** | **1** | **1** | **1** | **0** | **1** | **1** |
| **3** | **M** | **1** | **0** | **0** | **0** | **0** | **0** | **1** | **1** | **0** | **0** |
| **4** | **N** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **1** | **0** |
| **5** | **O** | **1** | **1** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **1** |
| **6** | **P** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **0** | **1** | **1** |
| **7** | **Q** | **0** | **0** | **1** | **1** | **0** | **1** | **1** | **1** | **0** | **0** |
| **8** | **R** | **0** | **1** | **1** | **0** | **0** | **1** | **1** | **0** | **1** | **0** |

Nama :

Kelas :

1. **Tentukanlah kualitas pengecoh pada data berikut: Peserta didik 40 org, tes PG 5 opsi jawaban (a,b,c,d,e) Kunci adalah c. Dari 40 peserta: 23 menjawab benar (c), 8 menjawab opsi a; 5 menjawab opsi b, 14 menawab opsi d, dan 2 menjawab opsi e.**

Opsi a = ............%, kriteria ....................

Opsi b = ............%, kriteria ....................

Opsi d = ............%, kriteria ....................

Opsi e = ............%, kriteria ....................

1. Jika pada soal nomor 1 terdeteksi seperti pada tabel berikut:

|  |  |
| --- | --- |
| **Kelompok** | **Opsi (pilihan) jawaban** |
| **A** | **B** | **C** | **D** | **E** |
| **Klp. Atas** | **4** | **1** | **7** | **3** | **2** |
| **Klp. Bawah** | **4** | **4** | **4** | **1** | **0** |

* **Opsi A : ......... karena ..................................................**
* **Opsi B : ......... karena ..................................................**
* **Opsi D : ......... karena ..................................................**
* **Opsi E : ......... karena ..................................................**
* Tingkat kesukaran = ............................ kategori ............................
* Daya pembeda = .............................. kategori .............................

**Hitunglah validitas data berikut ini:**

**No. Urt.1 – 5 (01 – 05); No. 6 - 10 (06 – 10); No.11- 15 (11 – 15)**

**No. Urt.16 – 20 (01 – 05); No.21 - 25 (06 – 10); No.26- 30 (11 – 15) dst.**

|  |  |  |  |
| --- | --- | --- | --- |
| ***SISWA*** | ***Nomor Soal*** |  |  |
| ***01*** | ***02*** | ***03*** | ***04*** | ***05*** | ***06*** | ***07*** | ***08*** | ***09*** | ***10*** | ***11*** | ***12*** | ***13*** | ***14*** | ***15*** |  |  |
| ***A*** | **0** | **1** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **1** | **1** | **1** | **0** |  |  |
| ***B*** | **0** | **0** | **1** | **1** | **1** | **1** | **1** | **0** | **1** | **1** | **0** | **0** | **1** | **1** | **1** |  |  |
| ***C*** | **1** | **0** | **0** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **0** |  |  |
| ***D*** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **1** | **0** |  |  |
| ***E*** | **1** | **1** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **1** | **1** | **1** | **1** | **1** | **0** |  |  |
| ***F*** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **0** | **1** | **1** |  |  |
| ***G*** | **0** | **0** | **1** | **1** | **0** | **1** | **1** | **1** | **0** | **0** | **0** | **0** | **1** | **1** | **0** |  |  |
| ***H*** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |  |  |
| ***I*** | **1** | **1** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **1** | **1** | **1** | **0** | **0** | **0** |  |  |
| ***J*** | **1** | **0** | **1** | **1** | **1** | **1** | **1** | **0** | **0** | **0** | **1** | **1** | **1** | **1** | **1** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| ***SISWA*** | ***Nomor Soal*** |  |  |
| ***01*** | ***02*** | ***03*** | ***04*** | ***05*** | ***06*** | ***07*** | ***08*** | ***09*** | ***10*** | ***11*** | ***12*** | ***13*** | ***14*** | ***15*** |  |  |
| ***A*** | **8** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **7** | **8** | **9** | **4** | **3** | **3** | **5** |  |  |
| ***B*** | **7** | **7** | **6** | **4** | **6** | **7** | **7** | **7** | **6** | **4** | **6** | **7** | **4** | **6** | **7** |  |  |
| ***C*** | **6** | **7** | **6** | **5** | **6** | **7** | **6** | **7** | **6** | **5** | **6** | **7** | **5** | **6** | **7** |  |  |
| ***D*** | **5** | **7** | **7** | **6** | **6** | **8** | **5** | **7** | **7** | **6** | **6** | **8** | **6** | **6** | **8** |  |  |
| ***E*** | **4** | **6** | **7** | **7** | **6** | **7** | **4** | **6** | **7** | **7** | **6** | **7** | **7** | **6** | **7** |  |  |
| ***F*** | **3** | **6** | **8** | **6** | **5** | **7** | **3** | **6** | **8** | **6** | **5** | **7** | **6** | **5** | **7** |  |  |
| ***G*** | **2** | **5** | **5** | **5** | **5** | **7** | **2** | **5** | **5** | **5** | **5** | **7** | **5** | **5** | **7** |  |  |
| ***H*** | **3** | **5** | **6** | **7** | **5** | **6** | **3** | **5** | **6** | **7** | **5** | **6** | **7** | **5** | **6** |  |  |
| ***I*** | **4** | **4** | **7** | **7** | **4** | **6** | **4** | **4** | **7** | **7** | **4** | **6** | **7** | **4** | **6** |  |  |
| ***J*** | **5** | **3** | **8** | **5** | **4** | **6** | **5** | **3** | **8** | **5** | **4** | **6** | **5** | **4** | **6** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |