



## 4<sup>TH</sup> NATIONAL ABILYMPICS –2014 CHANDIGARH

### VOCATIONAL SKILLS CONTEST

ABOVE 15 YRS.

#### V20 – MECHANICAL ASSEMBLY

1. **OBJECTIVE**

The contest aims at providing the contestants an opportunity to demonstrate their skills and technical competence in mechanical assembly job work.

2. **TASK**

The contestants will be required to assemble and demonstrate a functional Bicycle with 5 gears.

3. **SPECIAL INSTRUCTIONS**

Ready to fit wheel complete with spokes, tyre and tube will be provided.

4. **MATERIAL / TOOLS**

The organizing committee will provide all the parts of bicycle in dismantled condition. All the necessary tools and equipments will be available at the contest site.

*Note:* Contestants may bring their own tools but tools, if any, must be presented to the convenor for approval before the contest.

5. **ALLOCATED TIME**

Maximum time: 3 hrs.

6. **EVALUATION CRITERIA**

Items to be Evaluated	Maximum Marks Allotted
Functionality	25
Alignment	25
Adjustment of brakes & gears	20
Seat, Chain & Pedal fitting	15
Completion of work	15
<b>Total Marks</b>	<b>100</b>